

19981027.qrp v01\_n257.qrs.981027

Date: Tue, 27 Oct 1998 19:03:21 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1257

QRP-L Digest 1257

Topics covered in this issue include:

- 1) [23235] Unusual QSO ...  
by malman@world.std.com (joel malman)
- 2) [23236] Lectrokit SP-1 Spider  
by Harry Bump <bump@redrose.net>
- 3) [23237] Re: Hi Paul - Thanks for pulling out my signal  
by Paul Stroud <aa4xx@ipass.net>
- 4) [23238] Re: Official ZOMBIE SHUFFLE Rules  
by Monte Stark <ku7y@dri.edu>
- 5) [23239] Re: Official ZOMBIE SHUFFLE Rules  
by "Barry L. Geipel" <bgeipel@primenet.com>
- 6) [23240] Want Century 21  
by "Beaks" <beaks@westco.net>
- 7) [23241] FS: CB Walkie-Talkie  
by ke3fl@juno.com
- 8) [23242] Miles/Watt  
by ke3fl@juno.com
- 9) [23243] Last FOX Log???  
by Wayne Alexander <walexan@ipa.net>
- 10) [23244] FOX:Team Scores (fwd)  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 11) [23245] help please  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 12) [23246] Re: Official ZOMBIE SHUFFLE Rules  
by Roger Hightower <n7kt@earthlink.net>
- 13) [23247] Great little wire connectors!  
by applitech@mcg.net (Claton Cadmus)
- 14) [23248] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by "George T. Baker" <w5yr@swbell.net>
- 15) [23249] Re: Official ZOMBIE SHUFFLE Rules  
by Bob Hightower <ki7mn@extremezone.com>
- 16) [23250] Small Parts, Inc. - Miami  
by "Paul Christensen" <paulc@mediaone.net>
- 17) [23251] Atlanticon 99  
by "George Heron" <gheron@idt.net>
- 18) [23252] de ab5L: Enemies of Frank  
by mnhopkins@juno.com (Michael N Hopkins)
- 19) [23253] Re: Official ZOMBIE SHUFFLE Rules

- by "Rud Merriam" <rmerriam@csi.com>
- 20) [23254] Re: Official ZOMBIE SHUFFLE Rules  
by John <kemkerj@xyzzy.net>
- 21) [23255] Re: Unusual QSO ...  
by Ed Tanton <n4xy@att.net>
- 22) [23256] DC Receiver Help  
by "Rud Merriam" <rmerriam@csi.com>
- 23) [23257] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by Ed Tanton <n4xy@att.net>
- 24) [23258] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by Ed Tanton <n4xy@att.net>
- 25) [23259] Re: Small Parts, Inc. - Miami  
by "Radman" <radman@best.com>
- 26) [23260] Re: Small Parts, Inc. - Miami  
by Chris Trask <ctrask@primenet.com>
- 27) [23261] oops  
by Ed Tanton <n4xy@att.net>
- 28) [23262] Re: Official ZOMBIE SHUFFLE Rules  
by Paul Harden <pharden@aoc.nrao.edu>
- 29) [23263] Re: oops  
by "George T. Baker" <w5yr@swbell.net>
- 30) [23264] FOR SALE  
by "Bruce Williams - N9JCV" <n9jcv@wwa.com>
- 31) [23265] Re: Reasonant Speaker for top mounted speakers???  
by n2tpa@juno.com (Bill d Lazure)
- 32) [23266] Re: Atlanticon 99  
by n4js@pobox.com (John Sielke)
- 33) [23267] Tapped Transformers  
by Bruce Muscolino <w6toy@erols.com>
- 34) [23268] Not qrp-  
by Hank Schaumloffel <elly@epix.net>
- 35) [23269] Re: Small Parts, Inc. - Miami  
by "Paul Christensen" <paulc@mediaone.net>
- 36) [23270] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by Scott Howell <whowell@hq.nasa.gov>
- 37) [23271] QRP DX  
by John Bohnert <johnb@elmhurst.edu>
- 38) [23272] Free Used Andrew Type-N Conx.  
by Chuck Carpenter <w5usj@webwide.net>
- 39) [23273] Need QST Art on HB 160m Tx  
by afpgreg@state.me.us (Paul V. Gregory)
- 40) [23274] QRP station design  
by "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
- 41) [23275] FOX:log wanted  
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 42) [23276] Re: Official ZOMBIE SHUFFLE Rules  
by Elekktron1@aol.com
- 43) [23277] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable

by Ed Tanton <n4xy@att.net>  
44) [23278] Re: oops  
by Ed Tanton <n4xy@att.net>  
45) [23279] Huff-n-Puff VFO and PICs  
by Bill Jones <kd7s@psnw.com>  
46) [23280] Re: QRP DX  
by John Levreault <jlevro@mediaone.net>  
47) [23281] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by "George T. Baker" <w5yr@swbell.net>  
48) [23282] Re: FOX:log wanted  
by Elekktron1@aol.com  
49) [23283] Fox: Fox Log for K8CV  
by Dave Hassell <deh@tadpole.com>  
50) [23284] Altoids Tins?  
by "George Heron" <gheron@idt.net>  
51) [23285] Re: Huff-n-Puff VFO and PICs  
by jeverhar@cse.l-3com.com  
52) [23286] Re: QRP DX  
by Chuck Adams <adams@ticnet.com>  
53) [23287] Re: QRP station design  
by Steven Weber <kd1jv@moose.ncia.net>  
54) [23288] Problem?  
by Rich Wilkerson <richqrp@home.com>  
55) [23289] Re: Fox: Fox Log for K8CV  
by Elekktron1@aol.com  
56) [23290] Re: Altoids Tins?  
by Roger Hightower <n7kt@earthlink.net>  
57) [23291] FoxHunts; QRP SSB; New Email; etc.  
by "Franco, Nicholas J" <franco@bnl.gov>  
58) [23292] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by Bob Patten <n4bp@bc.seflin.org>  
59) [23293] Re: Altoids Tins?  
by "George Heron" <gheron@idt.net>  
60) [23294] Elmer200: Part 1 of N [long]  
by Chuck Adams <adams@ticnet.com>  
61) [23295] 80286 Computer and Monitor  
by k6hcj@juno.com (Marv Fagenson)  
62) [23296] FOX: By popular request...K8CV Fox Log  
by "Paul R. Valko" <prvalko@oakland.edu>  
63) [23297] Re: Altoids Tins?  
by "Brad Hernlem" <alihernlem@hotmail.com>  
64) [23298] Re: Huff-n-Puff VFO and PICs  
by jeverhar@cse.l-3com.com  
65) [23299] CQ WW SSB QRP  
by flydnq7x@primenet.com (Floyd Smithberg)  
66) [23300] Pacificon coverage?  
by "Michael Fletcher" <kl7ixi@mailcity.com>  
67) [23301] Re: Official ZOMBIE SHUFFLE Rules

- by Joe Gervais <vole@primenet.com>
- 68) [23302] OHR 500 question  
by Robspark@aol.com
- 69) [23303] Next NW QRP Club Meeting - New date & time!  
by "Bill Todd" <bill@willapabay.org>
- 70) [23304] Re: OHR 500 question  
by Chuck Adams <adams@ticnet.com>
- 71) [23305] 49er big gun!  
by tom whalen <whalen@swcp.com>
- 72) [23306] Great Circle Calculator  
by wd3p@juno.com (Larry Cahoon)
- 73) [23307] 49er Extra cap  
by "Jim Fielden" <fielden@utkux.utcc.utk.edu>
- 74) [23308] Re: Small Parts, Inc. - Miami  
by GERALDCUND@aol.com
- 75) [23309] Re: Tapped Transformers  
by n2tpa@juno.com (Bill d Lazure)
- 76) [23310] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by n2tpa@juno.com (Bill d Lazure)
- 77) [23311] Re: Tapped Transformers  
by Chris Trask <ctrask@primenet.com>
- 78) [23312] Emer 200 - GO!!!  
by n2tpa@juno.com (Bill d Lazure)
- 79) [23313] hi price key re-morse??  
by Mighty Mik <mitymik@hooked.net>
- 80) [23314] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
- 81) [23315] 10M Fire-Ball 10MW  
by Jim <kj5tf@madisoncounty.net>
- 82) [23316] Porta-Zombie...  
by Goemans <jgoemans@facstaff.wisc.edu>
- 83) [23317] ZOMBIE SHUFFLE - anyone joining on Novice/Tech+ 40M band?  
by Bob Painter <turnkey@exo.com>
- 84) [23318] NC20 kit...anyone want to sell theirs?  
by Grant Taylor <k7gt@qsl.net>

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Date: Mon, 26 Oct 1998 19:12:03 -0500 (EST)  
From: malman@world.std.com (joel malman)  
To: qrp-l@Lehigh.EDU  
Cc: malman@world.std.com (joel malman)  
Subject: [23235] Unusual QSO ...  
Message-ID: <199810270012.AA05516@world.std.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Folks,

Sometimes you have a QSO you just have to tell about. These are the QSO's you remember long after the "TU 5NN 73" QSO's are gone from memory.

When: Today 2229z

Place: 14.0167

Who: UA0QMU

I was fooling around the shack and tuned the rig to 20 meters. I don't know why .. I almost never work 20 meters. The MEM button set the rig to 14.0167 .. I probably set that frequency months ago. I heard nothing in the earphones and I started fill out QSL's from the ARCI 'test...

All of a sudden I hear a weak CQ from UA0QMU. He sends his call a few times and then sent AS28. I said huh? what's that? About a minute latter he calls again. So I call him. I'm still not sure about this AS stuff.

He answers my call. OK, another UA qso, it will probably be quick. Turns out his name is Jack and my RST is 559, so far so good. Then he says he is on Kotelny Island (he sends that twice) "IOTA AS28". Then I remember what the AS is all about... Jack goes on to say that AS28 is in the East Arctic Ocean, and "rig hr half kw out and inv ant up 30 mtr". He BK's back to me.

I'm a little lost for words. I never heard of Kotelny Island. I tell him I'm near Boston and am running 4 watts.

He sends: "OK MA" and then "clear mrrng hr but enouf temp minus 27c". (BTW: that's not a typo). Anyway, the QSO's goes on for a few more minutes. I can hear others calling him (probably Island hunters).

At a temp of -27c he will win the FYBO QSO Party next year! I checked the wall map. Kotelny Island looks like it is at 130 W x 75 N. Sort of north of Siberia, in the Laptev Sea (I never heard of that either).

I never did get his QSL information, but I'll poke around the DX pages and see what I come up with.

Neat QSO, huh?

--

/joel K1QM (Ex-wa1qvm) Concord, Mass.  
QRP-L 337, QRP-ARCI 9305, NorCal

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Date: Mon, 26 Oct 1998 16:49:58 -0500



-----  
Date: Mon, 26 Oct 1998 19:32:47 -0500  
From: Paul Stroud <aa4xx@ipass.net>  
To: jbcumming@wwdc.com, klqrp <klqrp@waterw.com>, QRP-L <QRP-L@lehigh.edu>  
Subject: [23237] Re: Hi Paul - Thanks for pulling out my signal  
Message-ID: <363514AF.5CE9B2E5@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

VE3JC - John C wrote:

>  
> Hi Paul,  
> Glad you were able to hear me during tonite's KL Net. I took my bike  
> mobile setup out to the "back forty" just to see if anyone would pick me  
> up. Was a beautiful clear night, so I just sat on the bike watching the  
> stars and listening to the net. Rig is QRP PLUS to an outbacker Perth  
> (as illustrated in this month's QQ).  
> Hope to work you again from the bike, during daylight hours!  
>  
> 72/73, John  
>  
> | VE3JC John Cumming  
> Q | Delaware, ON CANADA  
> /\ | jbcumming@wwdc.com  
> @' / ---- hf qrp cw bicycle mobile  
> ( ) \ ( ) <http://www.geocities.com/CapeCanaveral/Lab/7378/>

Sir John,

I was quite surprised to hear you sign your call as VE3JC/M, but when you stated that you were "bicycle mobile," I just had to laugh out loud!!!! That's quite a feat for 80M, and we all appreciate your taking the time and effort to check into last night's KnightLites Roundtable with your bike mobile station. It must have been a bit chilly up in Ontario last night, wasn't it?

I remember your stating that you operated the Bumblebee Contest or QRPTTF from your bike. Let's see, you've operated from a canoe and from a bike. What's next?? Keep up the good work!

Tally-ho es 72,

Paul AA4XX nr Raleigh, NC

-----  
Date: Mon, 26 Oct 1998 16:28:04 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Paul Harden <pharden@aoc.nrao.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [23238] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <Pine.SOL.3.96.981026162702.24336A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Paul,

Gee, looks like a dress is out.... :-(

Can I get a multi of 1.5 if I have Carol set on my  
lap for at least 13 QSOs? :-)

(OK, I'll crawl back to my hole.....)

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Mon, 26 Oct 1998 17:14:19 -0800  
From: "Barry L. Geipel" <bgeipel@primenet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [23239] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <199810270112.RAA25534@newspaper.cwi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

So how does one call CQ for the Zombie Shuffle?

CQ ZOMBIE  
CQ UNDEAD  
CQ CREATURES OF THE NIGHT  
CQ HALLOWEEN



72/73 de KF6RDI/AG - Barry

-----  
Date: Mon, 26 Oct 1998 20:14:11 -0500  
From: "Beaks" <beaks@westco.net>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [23240] Want Century 21  
Message-ID: <003001be0147\$1b8d3f60\$c34ff5cd@beaks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All,  
I'm looking for a Century 21 (prefer digital) for a friend of mine at work.  
Needs to look and work good and will pay a fair price. Please contact me  
direct if you have one to sell and state your best price with shipping.  
Thanks!  
Arch N8EAG Fairmont, WV  
beaks@westco.net

-----  
Date: Mon, 26 Oct 1998 20:28:29 -0800  
From: ke3fl@juno.com  
To: qrp-1@lehigh.edu  
Subject: [23241] FS: CB Walkie-Talkie  
Message-ID: <19981026.202834.11390.1.ke3fl@juno.com>

I have two CB HT's for sale. They are crystal op, large discrete  
component units.

The Radio Shack Model: TRC-200 5Watt, 6 channel (21-184)

Mic & speaker are different locations, like a phone.

Anyone interested at \$25 plus shipping? (UPS)

72 & 73 de KE3FL  
Phil K

e-mail: ke3fl@juno.com  
Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the wall and talk, but a real ham can take two pieces of wire and beat them together, and send a message when the going gets tough.

Talk is cheap, real hams beep.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 26 Oct 1998 20:25:10 -0800  
From: ke3fl@juno.com  
To: qrp-l@lehigh.edu  
Subject: [23242] Miles/Watt  
Message-ID: <19981026.202834.11390.0.ke3fl@juno.com>

I caught the QRP-L address for calculating miles/watt, but thought there was one other than that one as well.

I'm sure I used both when I was figuring out mine, but for the life of me I can't find it now.

Again, I have the QRP-L one, but isn't there another?

tnx

72 & 73 de KE3FL  
Phil K

e-mail: ke3fl@juno.com  
Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the wall and talk, but a real ham can take two pieces of wire and beat them together, and send a message when the going gets tough.

Talk is cheap, real hams beep.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 26 Oct 1998 19:32:35 -0600  
From: Wayne Alexander <walexan@ipa.net>  
To: qrp-l@lehigh.edu  
Subject: [23243] Last FOX Log???  
Message-ID: <199810270133.TAA10858@ns3.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Was just wondering if anyone had seen a log from K8CV. I try to keep all the logs from the FOX's. Thanks and have fun.

73,  
KB0PTE  
Wayne  
FISTS # 4907  
QRP-L # 1058

-----  
Date: Mon, 26 Oct 1998 19:37:56 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>  
Subject: [23244] FOX:Team Scores (fwd)  
Message-ID: <Pine.LNX.3.95.981026192514.29146A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...Team scores after hunt #6 - K8CV - ...  
thanks to Dave, AB5WX, for sending me the fox log!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683  
"QRP! How sweet it is!"

\*\*\*\*\*  
The 40 mtr Fox Hunt Team Scores  
\*\*\*\*\*

...the Kentucky Porch Houndz - 4.000 - hound -> KA80KH

...the Houston Hounds - 3.900 - hounds -> K5ZTY,W5SB,KQ5U,KK5LD  
"CLEAN SWEEP!"

...the Vibro-Fox Finders - 3.800 - hounds -> KU7Y,K2VCO

...the Underdogs - 3.248 - hounds -> N4ROA,KI0II

...the Fox Nabbers - 2.997 - hound -> W0CH  
...the Texas Tarantulas - 2.250 - hounds -> AB5WX,N5TW,W5HNS  
...the Brass Pounders - 2.000 - hound -> KB7MBI  
...the Northern Lights - 1.998 - hounds -> VE2KN,VE5RC  
...the Swords - 1.665 - hounds are still hungry  
...the Jersey Diddles - 1.366 - hounds -> N2T0,N2WF  
...the Team Apathy - 0.666 - hound -> hounds are still hungry

-----  
Date: Mon, 26 Oct 1998 19:47:08 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [23245] help please  
Message-ID: <Pine.LNX.3.95.981026194350.29146B-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...would someone please send me Jim Eishellman's (spelling wrong I think)  
who looks after QRP-L subscriber problems, e-mail address please?...I'm  
experiencing a problem and need some information from Jim...OR Jim,  
if you read this please get in touch via e-mail...thank you...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683  
"QRP! How sweet it is!"  
e-mail: rattray@gpfn.sk.ca

-----  
Date: Mon, 26 Oct 1998 18:58:19 +0000  
From: Roger Hightower <n7kt@earthlink.net>

To: pharden@aoc.nrao.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23246] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <3634C64B.223EF4FF@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Addendum to Paul's Disclaimer: \_After\_ the guilty parties who thought this up had consumed mucho cerveza.

I'd swear there were 7 or 11 more multipliers, :-)

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

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Date: Mon, 26 Oct 1998 19:36:58 -0600  
From: applitech@mcg.net (Claton Cadmus)  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [23247] Great little wire connectors!  
Message-ID: <006001be014d\$91223400\$a10a5e2c@groucho>

At our club meeting, Bruce Stough AA0ED, told how he had removed the unneeded machine pins from the IC socket he used for his homebrew Pic Programmer to make it easier to get the chip in and out. Taking his advice, I did the same. The pins snapped out of the plastic from the bottom quite easily.

Playing with these now single gold plated pins I noticed the nice way they snapped together and apart again. The light came on! These would make great wire to circuit board connectors!

Solder a single machine pin in a hole in a circuit board where a wire is supposed to go. Now insert the end of the hookup wire in the hole of another single machine pin and solder it. Add a small section of heat shrink tubing over the top of the machine pin and up the wire a little and there you go. I real professional looking connection that will snap together. And they hold very well. Best yet, you can unplug the wire for mods or changes to the circuit board!. With a short piece of insulation off of a larger diameter wire you could even fabricate mini inline wire connectors, these things are great!

Paul, Mike you got to publish this one.

----

73 de KA0GKC Claton Cadmus  
cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Mon, 26 Oct 1998 20:03:16 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: kkanalz@optelinc.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [23248] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <363529E4.15C83825@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What distinguishes an "iambic paddle" from any other paddle with two levers, etc.? My Vibroplex Vibrokeyer paddle works well with either an iambic keyer or a non-iambic keyer.

What am I missing here, Karl-with-a-K?

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ARS 10-X 33.2 N 96.6 W EM13R

Karl Kanalz - Dallas wrote:

>  
> Why an \*iambic\* paddle? I wonder how many folks  
> out there REALLY do USE iambic keying, rather than  
> a straightforward "bug-style" keying of keyer paddles?

-----  
Date: Mon, 26 Oct 1998 19:46:25 +0000  
From: Bob Hightower <ki7mn@extremezone.com>  
To: bgeipel@primenet.com  
Cc: qrp-1@lehigh.edu  
Subject: [23249] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <199810270238.TAA24732@enterprise.extremezone.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 05:14 PM 10/26/98 -0800, you wrote:

>  
>So how does one call CQ for the Zombie Shuffle?  
>  
>CQ ZOMBIE  
>CQ UNDEAD  
>CQ CREATURES OF THE NIGHT  
>CQ HALLOWEEN

How 'bout CQ ZS? Don't think there will be too many folks on from Penguin Island, but who knows?

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Mon, 26 Oct 1998 22:44:47 -0500  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [23250] Small Parts, Inc. - Miami  
Message-ID: <00af01be015c\$25242f60\$b3098118@6626hvt5p091.se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Does anyone have a web URL or phone number for Small Parts, Inc., based in Miami? Thanks!

-Paul, W9AC

-----  
Date: Mon, 26 Oct 1998 23:15:16 -0500  
From: "George Heron" <gheron@idt.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [23251] Atlanticon 99  
Message-ID: <020601be0160\$89923060\$b83984a9@herong.dialogic.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'm pleased to announce that the NJ-QRP Club will be sponsoring "Atlanticon 99", a QRP forum to be held in conjunction with a major east coast event (e.g., hamfest) next year.

Working off the successful Pacificon model, plans at this point include having a full day of QRP-oriented presentations delivered by some of our top experts and elmers in the field. We'll be arranging an open house the evening before the Forum, and a building contest the evening of the talks ... both to be held at a nearby hotel. We will have a full set of technical papers for all attendees.

Atlanticon 99 dates and location, as well as presentation topics and speakers are among the details being worked out. We are being careful not to interfere with the other important QRP events occurring during the year.

So as of this point the NJ-QRP Club is the official sponsor and I am the organizer/chairman. We'll post information pertaining to the plans as they solidify.

An east coast-based QRP forum indeed would be a welcomed happening, as some of the qrp-l discussions have mentioned in recent weeks; and it's something the NJ-QRP is excited about being able to make happen.

72/73,  
--George Heron, N2APB  
for the NJ-QRP Club  
n2apb@amsat.org in Sparta, NJ

-----  
Date: Mon, 26 Oct 1998 22:08:25 -0600  
From: mnhopkins@juno.com (Michael N Hopkins)  
To: QRP-L@Lehigh.edu  
Subject: [23252] de ab5L: Enemies of Frank  
Message-ID: <19981026.220921.-81037.14.MNHopkins@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>>>>Who would want to be enumerated among the friends of a fellow who



affects 1930s values, drives a 1940s car with period plates, and advocates above all the virtue of home built and understood radio?  
<snip>

>Can we get this junk off the list?  
>72,73  
>Bob Hightower KI7MN

Bob,

Mine says "delete," but some others say "erase" or some other such. Keep after it, I am sure you can find it.

73 de ab5L, michael in Dallas, student of Six Meters' Golden Age, 1957-58, and two of its jewels: Tecraft and International Crystal ham products.  
Michael N. Hopkins  
Box 226841  
Dallas, TX 75222 MNHopkins@Juno.com

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 26 Oct 1998 22:14:11 -0600  
From: "Rud Merriam" <rmerriam@csi.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [23253] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <012601be0160\$d5341100\$5eb9aec7@sisyphus>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

How about including at lest for the fun of it some 6m band activity in the contests? Us QRP techs would like to play, also. With 6m being so spotty right now most hams don't appear to just try the band so only an organized event gets them out.

Rud Merriam KD5DTV  
rmerriam@csi.com

-----Original Message-----

From: Paul Harden <pharden@aoc.nrao.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Monday, October 26, 1998 5:54 PM  
Subject: Official ZOMBIE SHUFFLE Rules

>  
>THE QRP-L "ZOMBIE SHUFFLE" (Because Zombies don't SPRINT)  
>

-----  
Date: Mon, 26 Oct 1998 23:24:21 +0000  
From: John <kemkerj@xyzzzy.net>  
To: ki7mn@extremezone.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23254] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <363504A5.C911B27F@xyzzzy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

How about "CQ B00"?

Bob Hightower wrote:

> At 05:14 PM 10/26/98 -0800, you wrote:  
> >  
> >So how does one call CQ for the Zombie Shuffle?  
> >  
> >CQ ZOMBIE  
> >CQ UNDEAD  
> >CQ CREATURES OF THE NIGHT  
> >CQ HALLOWEEN  
>  
> How 'bout CQ ZS? Don't think there will be too many folks on from Penguin  
> Island, but who knows?  
> 72,73  
> Bob Hightower KI7MN  
>  
> <http://www.extremezone.com/~ki7mn>



I tapped an RS amplified speaker onto a jumper provided for muting. The jumper connects the op amp output to the audio amp. No output from it either. Putting an o-scope on the op amp outputs or the NE output doesn't show a audio signal, either. So while the front end is oscillating like it is supposed to I'm guessing its not mixing. But I'm at a loss to know where to look first.

Rud Merriam KD5DTV  
rmerriam@csi.com

George T. Baker wrote:  
>What distinguishes an "iambic paddle" from any other paddle with two  
>levers, etc.?

73

INTERESTS:	QRP	BoatAnchors	Test Equipment	Photography
CW: 99.9%		Mercury Paddle # 0214		QRP to 150W: 95%

"Think you can, think you can't: either way you're right!"      Henry Ford  
~~~~~

-----  
Date: Mon, 26 Oct 1998 23:37:02 -0500  
From: Ed Tanton <n4xy@att.net>  
To: w5yr@swbell.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [23258] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <3.0.5.32.19981026233702.00c8a710@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

George T. Baker wrote:

>What distinguishes an "iambic paddle" from any other paddle with two  
>levers, etc.?

Nothing... any 2-circuit set of paddle "switches" is "iambic" as long as  
their mechanical actions are independent of each other. It is simply the  
ability to close one or the other "switches" in sequence-and subsequently  
then being able to hold both closed, that makes a paddle "iambic". Doing  
so tells the "iambic" keyer to alternate between whatever (dot or dash) was  
first, and whatever (dash or dot) was second, until one, or the other, or  
both are released.

A single lever paddle cannot do this, for it cannot close both of its  
"switches" at the same time.

73

-----  
Ed Tanton      N4XY      EMAIL: n4xy@att.net  
189 Pioneer Trail  
Marietta, GA    30068-3466      TEL: (770)579-3933 V/MBX/FAX

-----  
INTERESTS:    QRP      BoatAnchors    Test Equipment      Photography  
CW: 99.9%      Mercury Paddle # 0214      QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!"      Henry Ford  
~~~~~

-----  
Date: Mon, 26 Oct 1998 20:56:33 -0800  
From: "Radman" <radman@best.com>  
To: <paulc@mediaone.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [23259] Re: Small Parts, Inc. - Miami

Message-ID: <199810270453.UAA27456@proxy4.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Paul,

Small Parts Inc 13980 NW 58th Ct, Hialeah, FL 33014-3115  
Phone: (305)558-1038

<http://www.smallparts.com/>

72 -- Conrad -- NN6CW  
\*\*\*\*\*

Does anyone have a web URL or phone number for Small  
Parts, Inc., based in  
Miami? Thanks!

-Paul, W9AC

-----  
Date: Mon, 26 Oct 1998 21:56:50 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Paul Christensen <paulc@mediaone.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23260] Re: Small Parts, Inc. - Miami  
Message-ID: <Pine.BSI.3.96.981026215358.313B-1000000@usr01.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 26 Oct 1998, Paul Christensen wrote:

> Does anyone have a web URL or phone number for Small Parts, Inc., based in  
> Miami? Thanks!  
>  
> -Paul, W9AC  
>

Paul,

Absolutely!! This place is an indispensable resource for home-  
brewers and tinkerers:

Small Parts, Inc.







to have fun too.

Feel free to use 6M, and I will honor every contact.

72, Paul NA5N  
Zombie #004

-----  
Date: Mon, 26 Oct 1998 23:29:30 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: n4xy@att.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [23263] Re: oops  
Message-ID: <36355A3A.C8C823F3@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Iambic keyboard, Ed?

72/73, George  
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ARS 10-X 33.2 N 96.6 W EM13R

-----  
Date: Mon, 26 Oct 1998 23:46:43 -0600  
From: "Bruce Williams - N9JCV" <n9jcv@wwa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [23264] FOR SALE  
Message-ID: <01be016d\$2d696ee0\$453ef1cf@WWA.wwa.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have a Capacitance Adapter For DVM for sale. This nifty device connects to your DVM and will check capacitors up to 2 microf. This was built from a kit and works fine. I just dont need it any more as I have a full featured DVM that does everything.

\$5 will get this gem delivered to your door via Snail Mail. Please email me direct if you are interested.

Bruce N9JCV

-----  
Date: Tue, 27 Oct 1998 03:30:39 -0500  
From: n2tpa@juno.com (Bill d Lazure)  
To: radman@best.com  
Cc: QRP-L@Lehigh.EDU  
Subject: [23265] Re: Reasonant Speaker for top mounted speakers???  
Message-ID: <19981027.035534.7670.1.N2TPA@juno.com>

Conrad,

I hold my head in embarassment!!! Thanks for pointing out the obvious.

Bill  
W2EB

"Radman writes:

>Indeed it is. Many / most JA transceivers even have  
>magnets \*inside\* the case... in the loud speaker :-) (nada  
>problem)  
>Another example: the new K2 has a top-firing speaker (with  
>a magnet) in the case top.

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 27 Oct 1998 10:06:38 GMT  
From: n4js@pobox.com (John Sielke)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [23266] Re: Atlanticon 99  
Message-ID: <36389ae2.235302062@mail.snip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Mon, 26 Oct 1998 23:15:16 -0500, you typed:



Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Does anyone have a reference disk for a Epson equity 386sx/20  
plus computer. I need the setup program.

Thanks Hank

-----  
Date: Tue, 27 Oct 1998 07:40:37 -0500  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [23269] Re: Small Parts, Inc. - Miami  
Message-ID: <000a01be01a6\$fffca960\$b3098118@6626hvt5p091.se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

A BIG thank you to all who replied!

-Paul

-----  
Date: Tue, 27 Oct 1998 07:15:38 -0500  
From: Scott Howell <whowell@hq.nasa.gov>  
To: n4xy@att.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [23270] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <3.0.5.32.19981027071538.007d0b80@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

ok, so then there is no such thing as an iambic paddle, but instead an  
iambic keyer. It is then a single or dual lever paddle. Of course this is  
do to the fact that the paddle arms close a switch and nothing more  
whereas, the keyer determines how the closing of the circuit is interpreted.

At 11:37 PM 10/26/98 -0500, Ed Tanton wrote:

>George T. Baker wrote:

>>What distinguishes an "iambic paddle" from any other paddle with two

>>levers, etc.?

>

>Nothing... any 2-circuit set of paddle "switches" is "iambic" as long as  
>their mechanical actions are independent of each other. It is simply the  
>ability to close one or the other "switches" in sequence-and subsequently  
>then being able to hold both closed, that makes a paddle "iambic". Doing

72/73 de Scott/n3byy  
Laurel MD

-----  
Date: Tue, 27 Oct 1998 08:10:47 -0600  
From: John Bohnert <johnb@elmhurst.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23271] QRP DX  
Message-ID: <3635D466.5051DB17@elmhurst.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

October 26 2030 UTC 5X1Z was active on 17M (around 18.069) sending CQ  
and answering callers on frequency at about 30 wpm. Very strong signal,  
while I heard virtually no other DX on 10, 12, 15, or 17M. Worked with  
one call running 4W. Good hunting....

72 N9KW John Elmhurst, IL QRP-L 1257 NORCAL

-----  
Date: Tue, 27 Oct 1998 08:16:47 -0600  
From: Chuck Carpenter <w5usj@webwide.net>  
To: qrp-l@Lehigh.EDU, vhf@w6yx.stanford.edu  
Subject: [23272] Free Used Andrew Type-N Conn.  
Message-ID: <3.0.1.32.19981027081647.0069e6d0@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi All,

I have a pair of used Andrew Heliax Type-N 445W connectors for 1/2 in coax.  
I'll ship them to whoever would like to have them for the cost of  
packaging and postage for about 1.5 pounds.

During a retrofit, they were cut off the ends of coax used at a Microwave  
facility. Never been outside in the weather. Short pieces of coax are  
still in place, you'll have to disassemble them.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

-----  
Date: Tue, 27 Oct 1998 09:17:47 -0500 (EST)  
From: afpgreg@state.me.us (Paul V. Gregory)  
To: qrp-l@Lehigh.EDU  
Subject: [23273] Need QST Art on HB 160m Tx  
Message-ID: <199810271417.JAA21283@gatekeeper.ddp.state.me.us>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ahoy,

Any listers have a April 1949 copy of QST? I gather there's an article on a "simple" homebrew transmitter for 160 meters.

A description of the tx or a copy of the article would be wonderful. I'll supply SASE es photostat costs of course.

tnx de N1ZR, Paul

-----  
Date: Tue, 27 Oct 1998 09:23:41 -0500  
From: "KEITH P. JOHNSON" <KeithJ@1800surveys.com>  
To: "'QRP-L@Lehigh.edu'" <QRP-L@Lehigh.edu>  
Subject: [23274] QRP station design  
Message-ID: <4FA0968CF63CD211BB4A00A0C9D616A1032849@MAIL>  
MIME-Version: 1.0  
Content-Type: text/plain

G'Day everyone,

A long time ago I had an HW-16 with remote VFO. The VFO had a "SPOT" switch so that the incoming signal could be exactly zero beat. I sure liked that capability. That rig has been gone for at least 20 years and I have had some nice transcievers since that time. Currently I am running a Ten-Tec Corsair 1 (with the drive turned down to 5 watts out!). But I miss that remote VFO and the ability to zero beat the incoming signal. I am now looking at the possibility of setting up a dedicated QRP station with no more that 10 watts out. I am interested in knowing if anyone has a suggestion for such a station. This would be similar to the Drake "twins" I guess, in that the VFOs were separate

with that setup. But I am looking for very good to extremely good VFO stability in both the receiver and remote VFO. I would prefer to build the equipment myself although using commercial subparts would make sense.

Now here is the deal! Someone out there felt the same way I do now and they tried all sorts of things and ultimately found the perfect combination. I am hoping I can hear from them so that I can learn from their experiences. I do not need extremely small size. I would like the ability to use the system on 40 meters (and maybe 30 meters as time goes on). I would prefer a GREAT QRP rig costing XX dollars rather than a NOT SO GREAT commercial rig for the same XX dollars.

I know that Ten-Tec makes a remote VFO for the Corsair 1 but I believe the VFO produces a frequency that must be mixed within the Corsair to produce to the transmitting frequency. This is not the same as having the VFO produce the actual finished transmitting frequency for spotting purposes. If I am wrong about this please inform me. I have had no first hand experience with the Ten-Tec VFO.

An option would be to build JUST A TRANSMITTER with the stability I want and interface it to the Ten-Tec. That would allow the XX dollars to be invested into just the transmitter. Has anyone done this?

Again, having very good to extremely good VFO stability, output power not to exceed 10 watts, ability to "spot" on the incoming signal are of interest.

I always enjoy the QRP-L posts.

Keith, KB8FE  
KeithJ@1800surveys.com

-----  
Date: Tue, 27 Oct 1998 09:39:42 -0500  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [23275] FOX:log wanted  
Message-ID: <3635DB2D.19528036@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ed Kwik AB8DF grp-1# 1444

What is the origin of the Zombie group & what is its purpose?...KK5WL

```
>ok, so then there is no such thing as an iambic paddle, but instead an
>iambic keyer. It is then a single or dual lever paddle. Of course this is
>do to the fact that the paddle arms close a switch and nothing more
>whereas, the keyer determines how the closing of the circuit is interpreted.
>
```

Ed Tanton    N4XY  
189 Pioneer Trail  
Marietta, GA   30068-3466

EMAIL: n4xy@att.net  
  
TEL: (770)579-3933 V/MBX/FAX



INTERESTS: QRP BoatAnchors Test Equipment Photography  
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

-----  
Date: Tue, 27 Oct 1998 10:11:17 -0500  
From: Ed Tanton <n4xy@att.net>  
To: w5yr@swbell.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [23278] Re: oops  
Message-ID: <3.0.5.32.19981027101117.00c1ad30@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 11:29 PM 10/26/98 -0600, George T. Baker wrote:

>Iambic keyboard, Ed?

>

Actually, yes, I think so... unfortunately, since I have a one track  
mind...

-----  
Date: Tue, 27 Oct 1998 07:36:53 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu, ham-pic@qth.net  
Subject: [23279] Huff-n-Puff VFO and PICs  
Message-ID: <3635E895.DAF45D34@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sometime back I remember reading a post (perhaps from Laura Halliday)  
about simplifying huff-n-puff VFO circuitry using a PIC. Does anyone  
have any experience in this area?

--

=====  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
=====

Date: Tue, 27 Oct 1998 10:37:33 -0500  
From: John Levreault <jlevro@mediaone.net>  
To: johnb@elmhurst.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23280] Re: QRP DX  
Message-ID: <3635E8BD.9A8AEB12@mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

John Bohnert wrote:

> October 26 2030 UTC 5X1Z was active on 17M (around 18.069) sending CQ  
> and answering callers on frequency at about 30 wpm. Very strong signal,  
> while I heard virtually no other DX on 10, 12, 15, or 17M. Worked with  
> one call running 4W. Good hunting....

FWIW, this is a great band and time of day for QRP DX here on the East Coast. I've been able to make numerous DX contacts with typically very strong signals and "easy pickin's". Recent contacts include VP5, 5B4, SM5, T77, ZF2, and HC8, and others.

73 de nb1i  
John

-----  
Date: Tue, 27 Oct 1998 09:39:01 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: whowell@hq.nasa.gov  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23281] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <3635E915.C94E2CFB@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Congrats, Scott, you are the only one so far to pick up on what I was getting at in my usual, vague Socratic manner.

72/73, George  
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ARS 10-X 33.2 N 96.6 W EM13RE

Scott Howell wrote:

>  
> ok, so then there is no such thing as an iambic paddler, but instead an  
> iambic keyer.

-----  
Date: Tue, 27 Oct 1998 10:46:36 EST  
From: Elekktron1@aol.com  
To: eakwikjr@hti.com, qrp-1@Lehigh.EDU  
Subject: [23282] Re: FOX:log wanted  
Message-ID: <c0c9b2bd.3635eadc@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

I agree...I never saw the log for fox K8CV. Could someone post it or send it to me?

Tnx de KK5WL...

-----  
Date: Tue, 27 Oct 1998 10:18:23 -0600  
From: Dave Hassell <deh@tadpole.com>  
To: qrp-1@Lehigh.EDU  
Subject: [23283] Fox: Fox Log for K8CV  
Message-ID: <3.0.1.32.19981027101823.0070bbb4@mailhost.tadpole.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Evidently I was not the only one who didn't receive the log. Here it is as sent to me by Walt.

73.....Dave, AB5WX

>Date: Mon, 26 Oct 1998 21:58:59 +0000  
>From: Walt Amos <waltk8cv@ameritech.net>  
>Reply-To: waltk8cv@ameritech.net  
>To: deh@tadpole.com  
>Subject: Re: FOX: K8CV log?  
>  
>I sent it but might have gotten lost in the fog .....  
>

>Walt k8cv

>1998 General QSOs K8CV

>

>

| > Band | Date | Time | QSO# | Call | worked | Sent | Rcvd | Name | Qth |
|--------|------|------|------|------|--------|------|------|------|-----|
| Pts    |      |      |      |      |        |      |      |      |     |

|        |      |      |      |       |  |      |      |      |     |
|--------|------|------|------|-------|--|------|------|------|-----|
| > ---- | ---- | ---- | ---- | ----- |  | ---- | ---- | ---- | --- |
|--------|------|------|------|-------|--|------|------|------|-----|

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|        |           |       |   |       |  |     |     |           |    |
|--------|-----------|-------|---|-------|--|-----|-----|-----------|----|
| > 40CW | 23-Oct-98 | 02:02 | 1 | VE2KN |  | 559 | 559 | E0IM 5005 | PQ |
| 1      |           |       |   |       |  |     |     |           |    |

|        |           |       |   |        |  |     |     |           |    |
|--------|-----------|-------|---|--------|--|-----|-----|-----------|----|
| > 40CW | 23-Oct-98 | 02:03 | 2 | KB9IUA |  | 559 | 599 | KEVIN 384 | IL |
| 1      |           |       |   |        |  |     |     |           |    |

|        |           |       |   |       |  |     |     |          |    |
|--------|-----------|-------|---|-------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:04 | 3 | K5AAR |  | 559 | 559 | DON 1512 | OK |
| 1      |           |       |   |       |  |     |     |          |    |

|        |           |       |   |        |  |     |     |            |    |
|--------|-----------|-------|---|--------|--|-----|-----|------------|----|
| > 40CW | 23-Oct-98 | 02:06 | 4 | KB0PTE |  | 559 | 559 | WAYNE 1058 | MO |
| 1      |           |       |   |        |  |     |     |            |    |

|        |           |       |   |        |  |     |     |          |    |
|--------|-----------|-------|---|--------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:07 | 5 | KA80KH |  | 559 | 559 | RICH 933 | KY |
| 1      |           |       |   |        |  |     |     |          |    |

|        |           |       |   |      |  |     |     |            |    |
|--------|-----------|-------|---|------|--|-----|-----|------------|----|
| > 40CW | 23-Oct-98 | 02:08 | 6 | N0AR |  | 559 | 559 | SCOTT 1455 | MN |
| 1      |           |       |   |      |  |     |     |            |    |

|        |           |       |   |      |  |     |     |          |    |
|--------|-----------|-------|---|------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:09 | 7 | N2WF |  | 559 | 599 | BILL 955 | NJ |
| 1      |           |       |   |      |  |     |     |          |    |

|        |           |       |   |       |  |     |     |         |    |
|--------|-----------|-------|---|-------|--|-----|-----|---------|----|
| > 40CW | 23-Oct-98 | 02:10 | 8 | N4ROA |  | 559 | 559 | DAN 970 | VA |
| 1      |           |       |   |       |  |     |     |         |    |

|        |           |       |   |      |  |     |     |          |    |
|--------|-----------|-------|---|------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:12 | 9 | K1QM |  | 559 | 559 | JOEL 337 | MA |
| 1      |           |       |   |      |  |     |     |          |    |

|        |           |       |    |      |  |     |     |           |    |
|--------|-----------|-------|----|------|--|-----|-----|-----------|----|
| > 40CW | 23-Oct-98 | 02:13 | 10 | N2TO |  | 559 | 559 | KEVIN 323 | NY |
| 1      |           |       |    |      |  |     |     |           |    |

>

|        |           |       |    |      |  |     |     |            |    |
|--------|-----------|-------|----|------|--|-----|-----|------------|----|
| > 40CW | 23-Oct-98 | 02:17 | 11 | WS4S |  | 559 | 559 | CONARD 993 | TN |
| 1      |           |       |    |      |  |     |     |            |    |

|        |           |       |    |        |  |     |     |            |    |
|--------|-----------|-------|----|--------|--|-----|-----|------------|----|
| > 40CW | 23-Oct-98 | 02:18 | 12 | WA9WFA |  | 559 | 599 | SCOTT 1717 | MN |
| 1      |           |       |    |        |  |     |     |            |    |

|        |           |       |    |       |  |     |     |          |    |
|--------|-----------|-------|----|-------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:20 | 13 | K5ZTY |  | 559 | 559 | BILL 473 | TX |
| 1      |           |       |    |       |  |     |     |          |    |

|        |           |       |    |      |  |     |     |        |    |
|--------|-----------|-------|----|------|--|-----|-----|--------|----|
| > 40CW | 23-Oct-98 | 02:23 | 14 | W5TB |  | 559 | 559 | DON 73 | TX |
| 1      |           |       |    |      |  |     |     |        |    |

|        |           |       |    |       |  |     |     |        |    |
|--------|-----------|-------|----|-------|--|-----|-----|--------|----|
| > 40CW | 23-Oct-98 | 02:25 | 15 | KK5LD |  | 559 | 599 | DAN 5W | TX |
| 1      |           |       |    |       |  |     |     |        |    |

|        |           |       |    |       |  |     |     |          |    |
|--------|-----------|-------|----|-------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:25 | 16 | W5TFB |  | 559 | 579 | JACK 282 | TX |
| 1      |           |       |    |       |  |     |     |          |    |

|        |           |       |    |      |  |     |     |          |    |
|--------|-----------|-------|----|------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:31 | 17 | N5TW |  | 559 | 599 | 1474 TOM | TX |
| 1      |           |       |    |      |  |     |     |          |    |

|        |           |       |    |      |  |     |     |          |    |
|--------|-----------|-------|----|------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:32 | 18 | W0CH |  | 559 | 599 | DAVE 618 | MO |
| 1      |           |       |    |      |  |     |     |          |    |

|        |           |       |    |       |  |     |     |         |    |
|--------|-----------|-------|----|-------|--|-----|-----|---------|----|
| > 40CW | 23-Oct-98 | 02:33 | 19 | KF4AR |  | 559 | 579 | RICK 2W | NC |
| 1      |           |       |    |       |  |     |     |         |    |

|        |           |       |    |       |  |     |     |          |    |
|--------|-----------|-------|----|-------|--|-----|-----|----------|----|
| > 40CW | 23-Oct-98 | 02:35 | 20 | W5JAY |  | 559 | 559 | JAY 1201 | AR |
|--------|-----------|-------|----|-------|--|-----|-----|----------|----|

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1
>
> 40CW 23-Oct-98 02:36 21 W0AW 559 559 PAUL 1284 CO
1
> 40CW 23-Oct-98 02:37 22 NA1XX 559 559 MIKE 1588 MA
1
> 40CW 23-Oct-98 02:38 23 K5ON 559 559 GARY 770 NM
1
> 40CW 23-Oct-98 02:39 24 AB5UA 559 559 CLIF 478 OK
1
> 40CW 23-Oct-98 02:41 25 W2UX 559 559 GARY 593 SC
1
> 40CW 23-Oct-98 02:42 26 W5SB 559 559 BILL 1279 TX
1
> 40CW 23-Oct-98 02:45 27 KA1AXY 559 559 PETER 260 MA
1
> 40CW 23-Oct-98 02:47 28 AA5TA 559 559 LARRY 1245 TX
1
> 40CW 23-Oct-98 02:51 29 N1TP 559 559 TOM 1317 FL
1
> 40CW 23-Oct-98 02:53 30 W00Q 559 559 MARTY 793 CO
1
>
> 40CW 23-Oct-98 02:54 31 W8SFF 559 559 STEVE 1288 MI
1
> 40CW 23-Oct-98 02:55 32 KS4L 559 569 RANDY 468 AL
1
> 40CW 23-Oct-98 02:56 33 NQ7X 559 559 FLOYD 343 AZ
1
> 40CW 23-Oct-98 02:58 34 K5UP 559 559 21 GLEN OK
1
> 40CW 23-Oct-98 02:59 35 K5JSP 559 349 BILL 8258 TX
1
> 40CW 23-Oct-98 03:01 36 W5USJ 559 459 CHUCK 1306 TX
1
> 40CW 23-Oct-98 03:03 37 WA8GHD 559 449 JACK 5 TX
1
> 40CW 23-Oct-98 03:05 38 N1FN 559 559 MARSHALL 153CO
1
> 40CW 23-Oct-98 03:06 39 W5HNS 559 559 HENNY 178 TX
1
> 40CW 23-Oct-98 03:08 40 KK5LD 559 359 DAN 5W TX *DUPE*
0
>
> 40CW 23-Oct-98 03:10 41 AF5Z 559 559 BOB 984 TX
1
> 40CW 23-Oct-98 03:11 42 AK7Y 559 559 GREG 1693 AZ
1

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> 40CW 23-Oct-98 03:12 43 VE5RC 559 229 886 BRUCE VE5
1
> 40CW 23-Oct-98 03:13 44 KU7Y 559 559 RON 17 NV
1
> 40CW 23-Oct-98 03:17 45 KF4KSM 559 569 MAC 704 FL
1
> 40CW 23-Oct-98 03:18 46 K1MG 559 559 MIKE 614 CA
1
> 40CW 23-Oct-98 03:20 47 WJ7H 559 559 WAYNE 481 UT
1
> 40CW 23-Oct-98 03:26 48 KE7ZX 559 559 FRED 1728 FL
1
> 40CW 23-Oct-98 03:27 49 AC5II 559 559 DON 264 OK
1
> 40CW 23-Oct-98 03:29 50 N5JKY 559 559 MIKE 300 OK
1

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>
1998 General QSOs K8CV
>
>

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> Band      Date      Time  QSO#  Call worked  Sent Rcvd Name      Qth
> Pts
> ----      -
> ----      -
> ----      -
> 40CW 23-Oct-98 03:30 51 N4XDW 559 559 JAY 1372 AL
1
> 40CW 23-Oct-98 03:32 52 KQ5U 559 559 TERRY 1604 TX
1
> 40CW 23-Oct-98 03:33 53 N5WL 559 559 BART 994 OK
1
> 40CW 23-Oct-98 03:35 54 K5OI 559 559 TIM 73 NM
1
> 40CW 23-Oct-98 03:37 55 K2VCO 559 559 725 CA
1
> 40CW 23-Oct-98 03:39 56 AB7MY 559 599 GARY 571 AZ
1
> 40CW 23-Oct-98 03:42 57 K5EYE 559 559 BOB 1720 TX
1
> 40CW 23-Oct-98 03:43 58 KI7MN 559 599 BOB 271 AZ
1
> 40CW 23-Oct-98 03:44 59 K5JHP 559 349 BILL 825 TX
1
> 40CW 23-Oct-98 03:46 60 KB7MBI 559 599 ALEN 1299 WA
1
>
> 40CW 23-Oct-98 03:47 61 AB7DU 559 559 ED 1444 MI
1
> 40CW 23-Oct-98 03:50 62 KI0II 559 229 RON 928 CO

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1  
> 40CW 23-Oct-98 03:52 63 N5JI 559 559 DICK 1054 TX  
1  
> 40CW 23-Oct-98 03:53 64 W9UQB 559 559 MIKE 413 AZ  
1  
> 40CW 23-Oct-98 03:59 65 AB0CD 559 559 NICK 483 CO  
1  
> 40CW 23-Oct-98 04:01 66 KK5WL 559 559 BARY 330 TX  
1  
> 40CW 23-Oct-98 04:02 67 AB5WX 559 559 DAVE 1718 TX  
1  
>

-----  
Date: Tue, 27 Oct 1998 11:20:24 -0500  
From: "George Heron" <gheron@idt.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [23284] Altoids Tins?  
Message-ID: <001f01be01c5\$c1e6dc30\$653984a9@herong.dialogic.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Remember the craze about Altoids mint tins not too long ago? There was some talk about somebody finding a source of these tins straight from one of the factories or distributors ... if anybody ever found a source for these I wonder if you could let me know. Looking for 1-2 gross ... a special QRP project coming up soon ;-)

Reply by private email would be great ... thanks!

72/73,  
--George Heron, N2APB  
n2apb@amsat.org in Sparta, NJ

-----  
Date: Tue, 27 Oct 98 11:27:24 EST  
From: jeverhar@cse.1-3com.com  
To: gheron@idt.net  
Cc: qrp-l@lehigh.edu  
Subject: [23285] Re: Huff-n-Puff VFO and PICs

Message-ID: <9810271627.AA15005@train11.cse.l-3com.com>

George, you wrote:

> Dave Benson, NN1G actually made a presentation on the use of PICs at the  
> 1997 Pacificon and used one as the brains of a Huff 'n Puff control circuit  
> for a VF0. I really enjoyed it. I don't know if he ever made the notes  
> public from that talk, but Dave could certainly address the topic.

>  
> 73,  
> --George N2APB  
>

Yes, the text (figures would be nice, but...) was, I believe on qrp-l and Ken,  
N4SO (n4so@juno.com) offered to e-mail the (two) files to interested parties.

The files were originally sent to another fellow who re-sent them to Ken. The  
time frame was late October 1997. I've got 'em around \*somewhere\*!

72/73,

Joe E., N2CX

-----  
Date: Tue, 27 Oct 98 10:34:17 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: John Bohnert <johnb@elmhurst.edu>  
Cc: qrp <qrp-l@lehigh.edu>  
Subject: [23286] Re: QRP DX  
Message-ID: <199810271638.LAA94058@nss4.cc.Lehigh.EDU>

John,

Thanks for the posting on the DX. I want to bring to the attention of the  
group at large that John did this correctly.

He gave date, time, frequency, and call of the station.

He gave in his ONE line signature file, his call, name, and QTH and his  
patented QRP-L number (not required, a highly sought after option).

I'm sure that there are many on the list that don't want this list to become  
a spotting cluster for DX, especially when 10 meters gets hot. Digest



readers will find the information useless unless they know to look about the same time and frequency each day for the same station. It is usually a habit with most operators to get on the same time each day due to work schedules, etc.

DX postings are probably, for the most part, of little use. If one is reading them the he/she is not on the air but addicted to the keyboard. If one is not reading them at the appropriate time then he/she is on the air (where we all should be :-)) and is probably working someone else.

I appreciate them aperiodically and for the rare stuff. 17 meters and 12 meters should be very good for the next four or five years. I have started on the 0.95W WAS (c) for 17M having already worked in order AK, DE, ME, VT, CT, RI in one day. :-)) Thought I'd do them in most difficult order first. More interesting that way and a challenge.....

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60  
<http://www.ticnet.com/k5fo>

-----  
Date: Tue, 27 Oct 1998 12:02:46  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: KeithJ@1800surveys.com  
Cc: qrp-1@lehigh.edu  
Subject: [23287] Re: QRP station design  
Message-ID: <3.0.3.16.19981027120246.2bef99e8@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>An option would be to build JUST A TRANSMITTER with the stability I want  
>and interface it to the Ten-Tec. That would allow the XX dollars to be  
>invested into just the transmitter. Has anyone done this?

>  
That is what I did when I got back into Ham radio, what 6-7 years ago. I picked up a Drake 2B at a hamfest and built a 40 M, 10W transmitter to go

with it. Made many contracts with that set up.

The VFO operated at a fairly low freq and was mixed to 40 M with a xtal osc. That way I could key the mixer and not have to shift the VFO freq durring recieve. The VFO used an air cap and reduction drive tuning and ceramic coil form. Very stable. Used a delayed relay T/R switching, but if I knew then what I know now, might have been able to build a QSK circuit.

Plenty of transmitter designs floating around, older (70's vintage?) handbooks would be a good place to start looking for ideas. Just a transmitter can be built on the cheap, given a decent junk box (or knowing someone who does) and/or careful shopping at a hamfest fleamarket.

Good Luck!

72,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Tue, 27 Oct 1998 08:54:30 -0800  
From: Rich Wilkerson <richqrp@home.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [23288] Problem?  
Message-ID: <3635FAC6.F5BEE9DA@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Has the list been down?? I have not recived anything for a little over a day now. Thanks.....

--

Rich Wilkerson  
WD6FDD, Santee, Ca.  
72's, 73's

-----  
Date: Tue, 27 Oct 1998 12:02:02 EST  
From: Elekktron1@aol.com  
To: deh@tadpole.com, qrp-l@Lehigh.EDU  
Subject: [23289] Re: Fox: Fox Log for K8CV  
Message-ID: <c8db1d07.3635fc8a@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

I guess that means my contact doesn't count, since it was logged at 1 second past 4:00 UTC, and my name is 'Gary' , not 'Bary'.... :-( de KK5WL...

-----  
Date: Tue, 27 Oct 1998 10:24:29 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: gheron@idt.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23290] Re: Altoids Tins?  
Message-ID: <36359F5D.36E8EA8D@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Perhaps those of us with a supply could send them to George. I know I have a dozen or so that I'll not use in the near future. Be happy to box them up and send them off to free up the shelf space.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

-----  
Date: Tue, 27 Oct 1998 12:24:33 -0500  
From: "Franco, Nicholas J" <franco@bnl.gov>  
To: qrp-l@lehigh.edu  
Subject: [23291] FoxHunts; QRP SSB; New Email; etc.  
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B61DAE@exchange.bnl.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hello all,

I have to write in every once in a while just to let you all know I'm still around :-). Actually, we now have an Exchange server and MS Outlook for mail here and I had to unsubscribe from the list as kf2ph@bnl.gov and re-subscribe as franco@bnl.gov. All aliases still forward to me so kf2ph@bnl.gov is still a valid reply to address, but I can't send mail out as kf2ph; only as franco (my user ID). Technological Advances ;-)

The Foxii have been doing a great job so far this year. I've hear large pile ups and seen some real op skill in action. I haven't been as successful as I would have like to date, but I'm having FUN as is the intent

of the Hunts to begin with. I don't remember how many Hunt seasons we've had so far (maybe 4 or 5) but each one is different and all are FUN. There have been seasons with horrible propagation and some with border-line. This year seems pretty good so far from my Long Island QTH. I have heard every fox for at least some part of the hunt even though I haven't been able to work them all.

I must also apologize to Cliff and the ?2APH station on the first hunt. I have worked Cliff several times in the past and have made a solid contact with him when I was a Fox as well. I didn't read his post on the approach he desired for the hunt, and I was sending my call more than once before listening. I hope I was not annoying to any of the other hunters. We all hate the LID that doesn't follow the rules :-). This digest mode is killing me. So, I heard Cliff come back with somethingPH and I go off with my whole exchange, all proud and happy. Then Cliff says tnx N2APH and mentions the QRM. That's when I shrunk down in my chair and felt the blood come to my face, OOPS! I QRMed another hunter, Dooh!

Last week I heard Walt loud and clear for the first 1/2 hour and then the noise floor open up and swallowed everyone. I heard some hunters after this but Walt was down under the mud line for the rest of the hunt. He sure had some pile up on him though, and he handled it so effectively. Great job Walt. I really like that you sent the hunters call back so he/she could be sure you were answering the right person. You Foxii should know how hard it is to hear if you really copied the hunters call. The pile up tails off slowly and if part of the pile up is in the answered hunter's area, you can't tell if you were answered or not unless the Fox sends back the call at the end of his info exchange.

SSB on QRP levels. I have an Argonaut 509 in the shack for the last 3 months. It was a real nice find for me. I don't have the manual yet and didn't know how to wire up a microphone to try out SSB feature. Yesterday I found an old ElectroVoice desk mic with a 1/4 inch stereo plug on it. I took it home to try it out and see if it would work on the Argo. BINGO! Looked like it work fine. The jack in the Argo is a little dirty and so was this mic and plug. I was almost afraid to get my face too close to the filthy element end :-). It was late last night (around midnight here on the East coast) when I started panning around on 80 meters looking for some phone ops who sounded friendly enough for me to break in for a test. I'm a little intimidated running phone; just not used to it I guess. I don't have any mics hooked up to my rigs :-). So finally I got up the courage to try to break in and I was greeted with a friendly reply. Hey! It really works. I was tuned up to 5 watts on the Argo, according to my MFJ 941D tuner meter and now in SSB mode. I was hoping I was on the right side of the carrier (guess I was). I chatted for a minute with Brian - KG2PD, Queens, NY and Eric - VE3something in Toronto heard me too. I didn't exchange info directly with Eric, but he said he could copy about 65 percent of my end. They were both impressed with my signal on 80 at that time of night running

QRP. I was just impressed that they heard me at all :-)

I have my NW-40 back in the car for the Fox hunt season and I'm ready for you Foxii no matter where I'm going or coming from. Keep up the good work all. Hope to see you on the bands. I'll go back into the woodwork for now, but Lucky # 13 is still out there listening :-) God Bless!

72,  
Nick - kf2ph  
QRP-L # 13 . .

--  
Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY  
Systems Administrator RHIC Project Building 1005  
Tel: (516) 344-5467 UPTON, NY 11973-5000  
Fax: (516) 344-3674 Ham Call: KF2PH  
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

-----  
Date: Tue, 27 Oct 1998 12:30:05 -0500 (EST)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Ed Tanton <n4xy@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23292] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <Pine.3.89.9810271237.E22027-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 27 Oct 1998, Ed Tanton wrote:

>  
> Hi Scott... oh yes there is... a single lever paddle can NEVER be used as  
> an iambic paddle, with an iambic keyer, because you can never close both of  
> its contacts at once.

>  
Yes, big difference! Most keyers built today, including the ones built into my FT-1000MP and IC-706 (and the software keyer in NA) are all iambic. I send VERY badly with any of them if I try to use an iambic paddle. That's why I went to some pains to make my NorCal paddle non-iambic. On mine, only one contact can be closed at a time.

73,  
, ' ' ' ,  
Bob Patten, N4BP ( 0 0 ) Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

-----  
Date: Tue, 27 Oct 1998 12:36:11 -0500  
From: "George Heron" <gheron@idt.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [23293] Re: Altoids Tins?  
Message-ID: <019a01be01d0\$4cd315c0\$653984a9@herong.dialogic.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sheesh, only a couple of hours on the list and I've had many responses and offers to send along spare Altoids tins. Thanks so much for the generosity by all.

If it should indeed be the "case" with you that you have some extra tins taking up space on your shelves, I'd be glad to repay the shipping costs and put the tins to good use for us all.

72/73,  
George Heron, N2APB  
45 Fieldstone Trail  
Sparta, NJ 07871

-----  
Date: Tue, 27 Oct 98 11:49:32 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: qrp <qrp-l@lehigh.edu>  
Subject: [23294] Elmer200: Part 1 of N [long]  
Message-ID: <199810271747.MAA50520@nss4.cc.Lehigh.EDU>

Gang,

Be careful what you ask for. You might get it. :-)  
Here is the first of some 60+ pages of material that I have worked up so far  
and it is growing and growing and growing. Like the Pink Bunny (c).

Remember this is WIP (Work In Progress) and if you want it polished up you'd have to wait a year or two. ;-)

```
-----cut here-----  
<<<<<<<<<<SNAP>>>>>>>>>>>>>>
```

## Elmer200 Series: Oscillators

Conducted by Chuck Adams, K5F0, and others

The Elmer200 postings are a continuation of the elmering series started with the Elmer100 project of helping individuals who had never built a kit or done homebrew before. The Elmer100 project provided the participants to obtain help and information when problems or questions arose during the project. It is with the same line of reasoning that the Elmer200 will be conducted.

## History

If you will check back through the archives you will find that I asked that someone step forward and take on this project at a time in my life when I was in overload and traveling a great deal at work.

Unfortunately

noone did so at that time, so now that I have more time maybe I can do this project some justice, but no guarantees. So any complaints should go to the trash basket. I have spent a lot of time working on this and hope that I have done a somewhat reasonable job. It is a tough subject, critical, and not any one individual can know all that needs to be known, so sharing is in order. We all learn from errors and I will do all within my power to not post information that is in error, but remember what Alexander Pope said. Something like "fools rush in" and "not error but low aim is crime".

I'll holler when I need someone to help out during some projects. Just watch for postings.

At the banquet at Dayton several years ago I was doing a survey of the audience to determine just how many people were building kits etc. Roy Lewallan, W7EL, kindly reminded me that I had left out the group of hams that built equipment and rigs from scratch. For that I thank Roy very much as it did remind me that even though I and others have built a number of kits, it is the homebrew equipment and building and experimenting that

makes the learning experience more rewarding and more valuable. So this series will emphasize scratch building and experimentation. And in doing some or all of the circuits, either as an experienced builder or a newbie, we will all learn, have fun, and get ready for the late winter project named the Elmer 300 or Manhattan Project or whatever.

One of the things that I saw at the recent Pacificon doings was that due to the shortage of PC boards for the six-pack a number of individuals did not purchase the parts kit for same. This IMHO was a shame. One does not need a commercially laid out board to build circuits. It is important to have the parts and then some mechanical support system to arrange and connect them for the finished circuit(s). Having the parts needed and the circuit diagrams was more than ninety percent of the battle. More on this later.

#### Reading Materials

1. ARRL Handbook 1995 or later
2. Solid State Design for the Radio Amateur by Wes Hayward, W7ZOI, and Doug DeMaw, W1FB (Will be abbreviated as SSD in this series)
3. Data Book for Homebrewers and QRPers by the famous Paul Harden, NA5N
4. Oscillator RF Design book(s) optional

and anything else that you can get your hands on. You can't have too many books unless you have to pick them up and move them. ;-)  
Some web sites will be referenced, but remember not enough is on the web at this time. Someone wrote in the early 70's that in the year 2000 there would be a 'data drought'. By this they meant that all of human knowledge would be in computers and nothing else would be left to enter. NOT!!

I'll have photos of some of my work and if someone else wants to show off their work but don't have their own web page, then we can arrange to scan in photos or whatever.....

I will put my notes along with formal schematics on my web page one week or so after posting to QRP-L. The reason for the delay being that I can incorporate feedback, etc. and I have to move between a UNIX system and a PC to get things to the web page through the ISP. I prefer the UNIX system over the Windows system due to all the software that I have written. FYI. Schematics from the ARRL and other sources will not be put on the web page for obvious reasons.

#### Test Equipment and Tools



Anything that you can afford and/or have accumulated over the years as a ham or builder. I won't list anything here as someone would complain that it involves too much money. They'd be right. But as we progress discussions will crop up on what certain pieces of equipment can do in testing and aligning all kinds of circuits. DVM would be nice and a good power supply minimum for at least building and powering it up and testing to see if it is working. I prefer a DVM over an analog meter any day of the week. Over the years I've seen the thread about the trusty Simpson over a DVM. Got news for you, IMHO, the load added to a circuit due to the meter alone will influence the results. I'd be willing to do a competition demo with someone using a Simpson to show this. A reliable VTVM with high input impedance will work better, if you can find a good one that hasn't been abused. I always cringe a little at swapfests when I see some equipment that looked like it was left out in the rain in McArthur Park (I'm still looking for the recipe for that cake..... :- ) ).

In physics we have the thing called the Heisenburg Uncertainty Principle. You influence what you measure and this is true especially for oscillators. We'll prove this during this series. Probably beat it to death.....

Discussions will include the use of an O-scope, Spectrum Analyzer, and other equipment. Those on the list that have access to high dollar lab equipment can help a lot by doing some of the measurements and posting results. I will ask for help in this area when I don't have what I need. I'll have digital photos of scope displays on the web page as we progress. As will others.

If you look in Chapter 26 of the Handbook, there are a number of projects that you might want to consider doing along with this series to build up your inventory of things that come in handy almost daily. That is if you don't already have the stuff.

We'll also be sure to have someone come along with an ingenious circuit that we can all play with and use.

A large number of us have several pieces of test equipment that we can't live without, such as O-scopes, frequency counters, and signal generators. Also a number of odds and ends of other stuff. It just takes time to accumulate this stuff. Also lots of luck in finding a good bargain at swapmeets and Dayton and other places. Just keep your eyes open all the time.

If you have a general coverage receiver it will help in place of a frequency counter and can be used to do some real neat stuff. Having an S-meter is a plus as I will demonstrate later on in the series and pass on a real life story of someone that uses one their business.

## Parts Requirements

Dependent upon which of the circuits you want to build up. I won't be able to post parts lists in advance as they will be continuously changing as I experiment myself and some demands by the students may lead the group off on a tangent and cause a different circuit to crop up and be investigated.

So bear with us. This is a hobby and there is no time limit. We are all racing the old biological clock anyway. I am building at least one of everything and that is part of the reason for the delay in getting started. I wanted to try to be one page ahead of the students and group at large. Not important but a personal goal. Some of you are PhD's in EE so your help greatly appreciated as we go along. I'm not going into all the gory details and theory here. It's not a formal classroom setting.

But others can search the internet and parts suppliers and post low cost solutions. Individuals may come forward with parts available for cost. It might interest some clubs to have a project or two whereby they get the parts together in a group buy and distribute them to those that need them.

Different parts of the country have different resources available not found by all. There is always a local Radio Shack and mail order. I find that after a trip to Radio Shack on Sunday to get a catalog and look at the parts corner, they have a fairly good selection but the costs will be up somewhat than from other sources. We all have to balance economics with other demands on our time and money. I consider the savings of a buck and driving an extra 30 miles a no brainer. Take the local deal and get on with life.

Another concern that I have is the availability of parts and surplus test equipment. Someone recently posted their desire not to have hamfests brought up on QRP-L. I prefer to see them for a couple of reasons. If we do not support them then swapmeets will disappear. We need to make sure that people with parts and equipment have a good audience and that there is still a group that wants to buy same. Secondly, there are a large number of QRPers that rarely get a chance to meet with fellow QRPers. Dayton, Tuthill

,  
Pacificon, and the big meets aren't easily and economically attended by the majority of QRPers, so requests on QRP-L make known some of the people that will be there at other gatherings with similar interests and provides an opportunity that otherwise might be missed. So keep the posts coming.

Someone noted that the flea market at Pacificon was not a good place for QRPers to find parts, etc. I'd guess there are two reasons for that. The QRPers were in the seminars all day and Concord is too close to Livermore where most of the big deals are found for hams on the first Sunday. Not to mention the NorCal QRP Club Hamburger meeting.....

## Construction Techniques

This is of course up to the builder, but may I respectfully request that noone during this series use a commercially available PC board layout. The object here is to use either:

- o Perfboard
- o PC board for ugly construction (a term coined by Wes Hayward, W7ZOI) See pages 25.8-25.25 of the ARRL Handbook as reading material.
- o Protoboard
- o Homebrew PC board(s) and I'd like someone like Bill Jones, KD7S, do an Elmer20X series on this giving step by step, etc. We could all learn from this. The only issue that I see is that working with potentially dangerous chemicals over the internet raises some eyebrows, etc. I have seen his PC boards and they are a work of art.

FAR Circuits is noted for small boards for projects that have been published in QRPp, 73, HR, QST, etc. So they are available for a lot of stuff, but wouldn't it be more fun, personalized, and educational to do it yourself? Not to mention more economical.

Was it my imagination or did someone a few months back post to a question about construction that the user should not use perfboard? Look at page 208 in SSD and other places and articles at the list of people that use perfboard for construction. Used by W7EL, W7ZOI, and many others and if anyone was paying attention the new NorCal 20 was prototyped by Dave Fifield, AD6AY, using perfboard and he is a great fan of the technique. So let's not be too critical of the technique. You do have to make sure you get all the ground returns etc., but one should use care anyway. Simple mistakes in any technique can lead to hours of debugging time, but I can guarantee that we all learn more when we are having troubles than when it works the first time. But this series is an opportunity to compare the different techniques of building.

Also, for ugly construction I and others have been able to get by without having to use 10MEG resistors as standoffs from the board. Probably there are a number of us with a bin full of said resistors that will be in the estate sale. One of the most famous rigs using ugly construction, of course, is the W7EL xcvr. Since the article and reprints Roy has made some mods. I bet he doesn't want to touch it any more as it is so compressed in 3 dimensions (something that you have to think in for ugly construction - just like in the tube days) and a virtual rats nest to get into to add or modify.

What I would like to see from this series that a bunch of girls and guys of all ages will be running around at every meeting where hams are gathered.

And they have with them a box of various working circuits that they built and can show off. Hopefully this will get others interested in doing the same. It'll be contagious. I want you to come up to me the next time you see me and show me your handiwork. One of the things that I missed at Pacificon with all the doings was the opportunity to hobb-nobb with the crowd.  
Won't happen next time, guaranteed.

## TIMELINES

There are none, so be patient and no posts on 'when is such and such?'. It'll happen when it happens. Let's give everyone time to do what they need to do. Also, please, please, pretty please. Don't put off starting one or more of the projects. If you do, you'll miss a valuable opportunity to get help, share your results and ideas with others. You've seen the postings where people saved up all the postings for the Elmer100 series and have just completed it or about to start. I'd prefer that you start this week and keep up. I know how busy you are, but set aside some time for yourself and something that you want to do. Hopefully it is a desire to build a working oscillator or two.

Posts shall have Elmer200 in the subject line so that the uninterested parties can kill them off. Also, please do not copy previous postings back to QRP-L. To do so will have dire consequences to the offender. Heck, you wanna see this 200+ lines repeated over and over and over? I thought not. And changes in topic need to have changes in the header. Don't post irrelevant material with Elmer200 in the subject line.

OK, I probably forgot a 1,000 different things, but hey, that's why we have the opportunity to come back and fill in where the old memory forgot.

I will start off at an elementary level for several reasons. We have to start somewhere and at the beginning should cover just about everyone. So if you think the material is too trivial then hit the delete key. Your chance will come later on. Ask questions, but please do some research up front to find the answer yourself. Don't let others do your work for you. It'll cause you to get some email that you don't want from the 'network police'. Speaking of, if you get some nasty mail just relay it to me. I can guarantee that it will stop and the spell checkers are hereby warned. I get too many people beating on me at hamfests and Pacificon and Dayton and Tuthill about this. It will stop.

FYI es good luck

Reading Assignment #1. Chapters 25 and 26 of the ARRL Handbook, and start in on Chapter 14 on Oscillators and Synthesizers. It is assumed that the student knows Ohms Law, and basic electricity. We'll fill in as we go on subtle topics.

Also get a spiral notebook or hardbound book with numbered pages to keep a record of your work and notes. Bring this with you and show me when I'm around. I'll bring mine with me on any gatherings. We'll compare notes. It'll also come in handy for patent pending paperwork. :-) I have journals for the last 25+ years. Unfortunately in the 1960's I lost my notes for the Millikan Oil Drop Experiment where I measured a  $\frac{1}{3}e$  charge!! :-)

I will number my postings in the subject line and periodically I will add appendices for side topics on test equipment or test circuits. No guarantees that everything will be completely organized, but I'll try my best.

There is a secretary to keep a file of relevant postings. So beware that anyone that posts questions like "does anyone have?" you may be sent the entire contents in one or more mailings. :-) Keep on your toes. And don't lose the file(s) and ask for them on QRP-L. Your mailbox will overflow, I'm sure. :-)

Hope that I didn't put too many negative comments in. Just wanted to set the stage and guidelines for a level playing field. Clear the bench and stock the parts bins before the first snowfall, if you haven't gotten one already.

--

Chuck Adams K5FO adams@ticnet.com CP-60  
<http://www.ticnet.com/k5fo>

-----  
Date: Tue, 27 Oct 1998 09:53:23 -0800  
From: k6hcj@juno.com (Marv Fagenson)  
To: qrp-l@Lehigh.edu  
Subject: [23295] 80286 Computer and Monitor  
Message-ID: <19981027.095323.4070.0.k6hcj@juno.com>

Trade me something OR make offer for a working 286 computer and 14" color monitor (CGA) w/30MB hard drive, wp51/dollars&sense and a few other programs. I have been told this system will handle packet w/ no problem. Local pickup only in Los Angeles County. Creativity welcome. Pse email directly to k6hcj@juno.com.Tnx  
Marv Fagenson

k6hcj@Juno.com

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You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]  
-----

Date: Tue, 27 Oct 1998 12:58:31 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [23296] FOX: By popular request...K8CV Fox Log  
Message-ID: <Pine.OSF.3.95.981027125200.4819A-1000000@ve1a.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Walt sent this to QRP-L as an "attachment" instead of text so I think a lot of you never saw it.

I almost never saw it... thank goodness for UNIX...

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

#### 1998 General QSOs K8CV

| Band | Date      | Time  | QSO# | Call worked | Sent | Rcvd | Name       | Qth  | Pts  |
|------|-----------|-------|------|-------------|------|------|------------|------|------|
| ---- | ----      | ----  | ---- | -----       | ---- | ---- | -----      | ---- | ---- |
| 40CW | 23-Oct-98 | 02:02 | 1    | VE2KN       | 559  | 559  | EOIM 5005  | PQ   | 1    |
| 40CW | 23-Oct-98 | 02:03 | 2    | KB9IUA      | 559  | 599  | KEVIN 384  | IL   | 1    |
| 40CW | 23-Oct-98 | 02:04 | 3    | K5AAR       | 559  | 559  | DON 1512   | OK   | 1    |
| 40CW | 23-Oct-98 | 02:06 | 4    | KB0PTE      | 559  | 559  | WAYNE 1058 | MO   | 1    |
| 40CW | 23-Oct-98 | 02:07 | 5    | KA8OKH      | 559  | 559  | RICH 933   | KY   | 1    |
| 40CW | 23-Oct-98 | 02:08 | 6    | N0AR        | 559  | 559  | SCOTT 1455 | MN   | 1    |
| 40CW | 23-Oct-98 | 02:09 | 7    | N2WF        | 559  | 599  | BILL 955   | NJ   | 1    |
| 40CW | 23-Oct-98 | 02:10 | 8    | N4ROA       | 559  | 559  | DAN 970    | VA   | 1    |
| 40CW | 23-Oct-98 | 02:12 | 9    | K1QM        | 559  | 559  | JOEL 337   | MA   | 1    |
| 40CW | 23-Oct-98 | 02:13 | 10   | N2TO        | 559  | 559  | KEVIN 323  | NY   | 1    |
| 40CW | 23-Oct-98 | 02:17 | 11   | WS4S        | 559  | 559  | CONARD 993 | TN   | 1    |
| 40CW | 23-Oct-98 | 02:18 | 12   | WA9WFA      | 559  | 599  | SCOTT 1717 | MN   | 1    |
| 40CW | 23-Oct-98 | 02:20 | 13   | K5ZTY       | 559  | 559  | BILL 473   | TX   | 1    |
| 40CW | 23-Oct-98 | 02:23 | 14   | W5TB        | 559  | 559  | DOC 73     | TX   | 1    |

|      |           |       |    |        |     |     |                |           |   |
|------|-----------|-------|----|--------|-----|-----|----------------|-----------|---|
| 40CW | 23-Oct-98 | 02:25 | 15 | KK5LD  | 559 | 599 | DAN 5W         | TX        | 1 |
| 40CW | 23-Oct-98 | 02:25 | 16 | W5TFB  | 559 | 579 | JACK 282       | TX        | 1 |
| 40CW | 23-Oct-98 | 02:31 | 17 | N5TW   | 559 | 599 | 1474 TOM       | TX        | 1 |
| 40CW | 23-Oct-98 | 02:32 | 18 | W0CH   | 559 | 599 | DAVE 618       | MO        | 1 |
| 40CW | 23-Oct-98 | 02:33 | 19 | KF4AR  | 559 | 579 | RICK 2W        | NC        | 1 |
| 40CW | 23-Oct-98 | 02:35 | 20 | W5JAY  | 559 | 559 | JAY 1201       | AR        | 1 |
| 40CW | 23-Oct-98 | 02:36 | 21 | W0AW   | 559 | 559 | PAUL 1284      | CO        | 1 |
| 40CW | 23-Oct-98 | 02:37 | 22 | NA1XX  | 559 | 559 | MIKE 1588      | MA        | 1 |
| 40CW | 23-Oct-98 | 02:38 | 23 | K5ON   | 559 | 559 | GARY 770       | NM        | 1 |
| 40CW | 23-Oct-98 | 02:39 | 24 | AB5UA  | 559 | 559 | CLIF 478       | OK        | 1 |
| 40CW | 23-Oct-98 | 02:41 | 25 | W2UX   | 559 | 559 | GARY 593       | SC        | 1 |
| 40CW | 23-Oct-98 | 02:42 | 26 | W5SB   | 559 | 559 | BILL 1279      | TX        | 1 |
| 40CW | 23-Oct-98 | 02:45 | 27 | KA1AXY | 559 | 559 | PETER 260      | MA        | 1 |
| 40CW | 23-Oct-98 | 02:47 | 28 | AA5TA  | 559 | 559 | LARRY 1245     | TX        | 1 |
| 40CW | 23-Oct-98 | 02:51 | 29 | N1TP   | 559 | 559 | TOM 1317       | FL        | 1 |
| 40CW | 23-Oct-98 | 02:53 | 30 | W00Q   | 559 | 559 | MARTY 793      | CO        | 1 |
| 40CW | 23-Oct-98 | 02:54 | 31 | W8SFF  | 559 | 559 | STEVE 1288     | MI        | 1 |
| 40CW | 23-Oct-98 | 02:55 | 32 | KS4L   | 559 | 569 | RANDY 468      | AL        | 1 |
| 40CW | 23-Oct-98 | 02:56 | 33 | NQ7X   | 559 | 559 | FLOYD 343      | AZ        | 1 |
| 40CW | 23-Oct-98 | 02:58 | 34 | K5UP   | 559 | 559 | 21 GLEN        | OK        | 1 |
| 40CW | 23-Oct-98 | 02:59 | 35 | K5JSP  | 559 | 349 | BILL 8258      | TX        | 1 |
| 40CW | 23-Oct-98 | 03:01 | 36 | W5USJ  | 559 | 459 | CHUCK 1306     | TX        | 1 |
| 40CW | 23-Oct-98 | 03:03 | 37 | WA8GHD | 559 | 449 | JACK 5         | TX        | 1 |
| 40CW | 23-Oct-98 | 03:05 | 38 | N1FN   | 559 | 559 | MARSHALL 153CO |           | 1 |
| 40CW | 23-Oct-98 | 03:06 | 39 | W5HNS  | 559 | 559 | HENNY 178      | TX        | 1 |
| 40CW | 23-Oct-98 | 03:08 | 40 | KK5LD  | 559 | 359 | DAN 5W         | TX *DUPE* | 0 |
| 40CW | 23-Oct-98 | 03:10 | 41 | AF5Z   | 559 | 559 | BOB 984        | TX        | 1 |
| 40CW | 23-Oct-98 | 03:11 | 42 | AK7Y   | 559 | 559 | GREG 1693      | AZ        | 1 |
| 40CW | 23-Oct-98 | 03:12 | 43 | VE5RC  | 559 | 229 | 886 BRUCE      | VE5       | 1 |
| 40CW | 23-Oct-98 | 03:13 | 44 | KU7Y   | 559 | 559 | RON 17         | NV        | 1 |
| 40CW | 23-Oct-98 | 03:17 | 45 | KF4KSM | 559 | 569 | MAC 704        | FL        | 1 |
| 40CW | 23-Oct-98 | 03:18 | 46 | K1MG   | 559 | 559 | MIKE 614       | CA        | 1 |
| 40CW | 23-Oct-98 | 03:20 | 47 | WJ7H   | 559 | 559 | WAYNE 481      | UT        | 1 |
| 40CW | 23-Oct-98 | 03:26 | 48 | KE7ZX  | 559 | 559 | FRED 1728      | FL        | 1 |
| 40CW | 23-Oct-98 | 03:27 | 49 | AC5II  | 559 | 559 | DON 264        | OK        | 1 |
| 40CW | 23-Oct-98 | 03:29 | 50 | N5JKY  | 559 | 559 | MIKE 300       | OK        | 1 |
| 40CW | 23-Oct-98 | 03:30 | 51 | N4XDW  | 559 | 559 | JAY 1372       | AL        | 1 |
| 40CW | 23-Oct-98 | 03:32 | 52 | KQ5U   | 559 | 559 | TERRY 1604     | TX        | 1 |
| 40CW | 23-Oct-98 | 03:33 | 53 | N5WL   | 559 | 559 | BART 994       | OK        | 1 |
| 40CW | 23-Oct-98 | 03:35 | 54 | K5OI   | 559 | 559 | TIM 73         | NM        | 1 |
| 40CW | 23-Oct-98 | 03:37 | 55 | K2VCO  | 559 | 559 | 725            | CA        | 1 |
| 40CW | 23-Oct-98 | 03:39 | 56 | AB7MY  | 559 | 599 | GARY 571       | AZ        | 1 |
| 40CW | 23-Oct-98 | 03:42 | 57 | K5EYE  | 559 | 559 | BOB 1720       | TX        | 1 |
| 40CW | 23-Oct-98 | 03:43 | 58 | KI7MN  | 559 | 599 | BOB 271        | AZ        | 1 |
| 40CW | 23-Oct-98 | 03:44 | 59 | K5JHP  | 559 | 349 | BILL 825       | TX        | 1 |
| 40CW | 23-Oct-98 | 03:46 | 60 | KB7MBI | 559 | 599 | ALEN 1299      | WA        | 1 |
| 40CW | 23-Oct-98 | 03:47 | 61 | AB7DU  | 559 | 559 | ED 1444        | MI        | 1 |
| 40CW | 23-Oct-98 | 03:50 | 62 | KI0II  | 559 | 229 | RON 928        | CO        | 1 |

|      |           |       |    |       |     |     |      |      |    |   |
|------|-----------|-------|----|-------|-----|-----|------|------|----|---|
| 40CW | 23-Oct-98 | 03:52 | 63 | N5JI  | 559 | 559 | DICK | 1054 | TX | 1 |
| 40CW | 23-Oct-98 | 03:53 | 64 | W9UQB | 559 | 559 | MIKE | 413  | AZ | 1 |
| 40CW | 23-Oct-98 | 03:59 | 65 | AB0CD | 559 | 559 | NICK | 483  | CO | 1 |

-----  
 Date: Tue, 27 Oct 1998 10:13:54 PST  
 From: "Brad Hernlem" <alihernlem@hotmail.com>  
 To: qrp-1@lehigh.edu  
 Subject: [23297] Re: Altoids Tins?  
 Message-ID: <19981027181355.21438.qmail@hotmail.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain

Those tins make good parts storage containers, BTW.

Brad

-----  
 Get Your Private, Free Email at <http://www.hotmail.com>  
 -----

Date: Tue, 27 Oct 98 13:11:27 EST  
 From: jeverhar@cse.1-3com.com  
 To: qrp-1@lehigh.edu  
 Cc: jeverhar@cse.1-3com.com  
 Subject: [23298] Re: Huff-n-Puff VFO and PICs  
 Message-ID: <9810271811.AA15170@train11.cse.1-3com.com>

Gang,

Sorry for the out-of-the-blue message! It was a reply to a query on the ham-pic e-mail list and I inadvertently addressed it to qrp-1.

Sorry about that!

72/73,

Joe E., N2CX

I wrote:



>George, you wrote:

>> Dave Benson, NN1G actually made a presentation on the use of PICs at the  
>> 1997 Pacificon and used one as the brains of a Huff 'n Puff control circuit  
>> for a VF0. I really enjoyed it. I don't know if he ever made the notes  
>> public from that talk, but Dave could certainly address the topic.

>>

>> 73,

>> --George N2APB

>>

>

>

>Yes, the text (figures would be nice, but...) was, I believe on qrp-l and Ken,  
>N4SO (n4so@juno.com) offered to e-mail the (two) files to interested parties.

>

>The files were originally sent to another fellow who re-sent them to Ken. The  
>time frame was late October 1997. I've got 'em around \*somewhere\*!

>

>72/73,

>

>Joe E., N2CX

-----  
Date: Tue, 27 Oct 1998 11:18:51 -0700 (MST)  
From: flydnq7x@primenet.com (Floyd Smithberg)  
To: qrp-l@Lehigh.edu  
Subject: [23299] CQ WW SSB QRP  
Message-ID: <199810271818.LAA18489@smtp04.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Condx were great, 10 was astounding. A great opportunity to show what Little  
Pistol

QRPrs can do against QRO competition when the sunspots cooperate... Worked  
four new ones(for me):T32MP E.Kiribati, TL5A Central Africa, 9M8R & 9M6AAC  
E.Malaysia and 9J2A Zambia. Heard but couldn't raise B1A China, ZD8Z  
Ascension Is., DU9RG Philippines, V8A Brunei and a few others. You shudda  
been been there! Great practice for Fox hunters!

| Band  | QSOs | Points | Countries | Zones |
|-------|------|--------|-----------|-------|
| 40SSB | 8    | 18     | 6         | 6     |
| 20SSB | 27   | 75     | 9         | 6     |
| 15SSB | 70   | 192    | 30        | 18    |
| 10SSB | 100  | 285    | 34        | 15    |

-----  
205        570        79        45

Score= 570(79+45) = 70,680 points

Equipment: TS850@5W, 4 Band Explorer@42', ThinkPad/TR 6.29

Op.time:~18Hrs

PS..Have'nt found 98 rules yet, so hope scoring is ok.

73 Floyd NQ7X   Phoenix ScQRPion

-----  
Date: Tue, 27 Oct 1998 10:25:45 -0700  
From: "Michael Fletcher" <kl7ixi@mailcity.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23300] Pacificon coverage?  
Message-ID: <DFGIPBFBKDMALBAAA@mailcity.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Did I see a message that there would be some pictures of the Pacificon festivities posted?

If so where are they posted? I also notice that the NorCal monthly meetings no longer have photo coverage. This is a huge responsibility but is a real treat (for this member at least) for those that reside out of that area.

72,  
Mike KL7IXI/7  
Vancouver, WA

Get your FREE E-mail at <http://mailcity.lycos.com>  
Get your PERSONALIZED START PAGE at <http://personal.lycos.com>

-----  
Date: Tue, 27 Oct 1998 13:06:18 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23301] Re: Official ZOMBIE SHUFFLE Rules  
Message-ID: <199810272006.NAA10641@usr08.primenet.com>

Howdy Folks,

KK5WL wrote:

>

> What is the origin of the Zombie group & what is its purpose?...

(In best Peter Lorre voice)

...\*heh heh\*... to feast on the signals of the Living! :-)

Hoping I can swing enough time to print up some special  
QSL cards for the Shuffle! But either way I'll be on the  
air this Friday night. Looking forward to working everyone!  
Just beware - my fist is scaaaary! ;-)

Boo de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix), NorCal Zombie #232

"If it ain't scary, you ain't doin' it right!" -The AZ Zombies

-----  
Date: Tue, 27 Oct 1998 15:41:13 EST  
From: Robsparks@aol.com  
To: qrp-1@lehigh.edu  
Subject: [23302] OHR 500 question  
Message-ID: <f3178a3.36362fe9@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Folks,

I am looking for a project for those long cold winters in Louisiana when the temp plunges to nearly 50 degrees. The OHR 500 looks very attractive because I built an OHR Explorer II for 40m when we had the group purchase, and I have been happy with it. Has anyone built the OHR 500 who would give us a rundown on the performance of the rig? Perhaps there are others on the list who would like to see these comments?

Thanks in advance for your help.

Bob AB5ZD

-----

Date: Tue, 27 Oct 1998 13:01:54 -0800  
From: "Bill Todd" <bill@willapabay.org>  
To: <nwq-1@scn.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [23303] Next NW QRP Club Meeting - New date & time!  
Message-ID: <000e01be01ed\$0826f3c0\$1f4ffbce@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello NWQRPers -

Our next Club meeting will be at a NEW date and time - guaranteed not to interfere with ANY major CW operating events (ha).

-----

Date: November 21, 1998

Location: Andy's Diner - on 4th Ave.. in Seattle, WA  
(We will be meeting in the "Executive" room, which seats up to 60 people).

Time: 11 AM (lunch menu) NEW TIME

Special Guest Speaker: Roger Steyaert, K7RXV  
Roger will speak about "The fallacy of low angle radiation over typical ground", including antenna modeling ideas for "NVIR".

Please invite your friends and guests to meeting, and be sure to bring your latest  
QRP project for our regular "show n' tell" session.

CUL, Bill-N7MFB  
<http://www.willapabay.org/~bill>  
ICQ me @ 8926298

-----

Date: Tue, 27 Oct 98 14:57:48 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: "Robsparks@aol.com" <Robsparks@aol.com>  
Cc: qrp <qrp-1@lehigh.edu>  
Subject: [23304] Re: OHR 500 question  
Message-ID: <199810272107.QAA72886@nss4.cc.Lehigh.EDU>

Gang,

I have mine up and running. Spent some time yesterday working on an antenna, so maybe if I can get on for the foxhunt you can hear one on the air. But only at 0.95W!!!

The thing is capable of 8W out on 80M into a dummy load and on an 20Ahr Gates Gel-cell.

I will write up a review in a day or two. But I'm being beat up on the Elmer200 project by guys/girls in a hurry. :-)

I took my time in building it and I recommend that everyone that buys one do the same. This kit has more parts than any that I have built. I don't have the exact count and it's probably like that country and western song phrase - "I wonder but I don't really wanna know...". :-) You won't build one in one night and get it to work. No way, no how.....

Standby..... this is a test.

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60  
<http://www.ticnet.com/k5fo>

-----  
Date: Tue, 27 Oct 1998 14:07:25 -0700  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [23305] 49er big gun!  
Message-ID: <3636360D.1D0@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRPer's!

Got a wild hair today and decided to hook up my 49er to my home brew amp. By itself, the 49er puts out about 40mw or so. Im able to drive my amp to a woppin 4 watts!!

So, in step with the Taco Bell commercial ...." Here FOXI FOXI!"...

You get near my freq you hairy lil critter and you will get bit by the almighty 49er!

72, and see ya all tnt! Tom WB5QYT ... "Have SPUD and BUG will travel!"

-----  
Date: Tue, 27 Oct 1998 21:17:43 +0000  
From: wd3p@juno.com (Larry Cahoon)  
To: qrp-l@Lehigh.EDU  
Subject: [23306] Great Circle Calculator  
Message-ID: <19981027.212329.16342.0.wd3p@juno.com>

This is the one I use all the time for the great circle distances.

[http://home.echo-on.net/~cnorth/frame\\_ll.html](http://home.echo-on.net/~cnorth/frame_ll.html)

73/72 de Larry.....WD3P in MD  
WAS 18.6 watts total power out  
Worked all US Counties with an average power of 53.2 watts and  
falling.....  
<http://erols.com/lejek>

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 27 Oct 1998 16:38:28 -0500  
From: "Jim Fielden" <fielden@utkx.utcc.utk.edu>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [23307] 49er Extra cap  
Message-ID: <01be01f2\$22c371e0\$d412a980@galaxian>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All,  
I was putting together my 49er and noticed that the board has a spot for C21, then I seen that I was using a Rev B board, with Rev A parts (layout ect) Now my problem is, after I have stuffed the board, only leaving c21 since I don't know what it is, can't find any info on Rev B...(on the net)

Can anyone tell me, what is the value of C21, and how much am I going to have to change with the rest of the layout, like C20 is now C16 or anything like that.

Thanks for any help on this, I'm almost (so I thought) done with it...

72           \*           Jim, KU4QW   - QRP-L # 1481   - G-QRP # 10117  
fielden@utkux.utcc.utk.edu   - FISTS # 5380   - QRP ARCI # 9789  
<http://www.qsl.net/ku4qw/>       - No-SSB International (tm) # 1,000,014

-----  
Date: Tue, 27 Oct 1998 16:43:05 EST  
From: GERALDCUND@aol.com  
To: paulc@mediaone.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [23308] Re: Small Parts, Inc. - Miami  
Message-ID: <2e9fdb99.36363e69@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
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Small Parts Inc  
13980 N. W. 558th Court  
P. O. Box 4650  
Miami Lakes FL 33014-0650  
1 (800)- 220-4242  
FAX 1-(800)- 423-9009

E-Mail: smlparts@smallparts.com  
Web Site: [www.smallparts.com](http://www.smallparts.com)

I hope this helps you and maybe some others.

Gerald,KE4LIA

-----  
Date: Tue, 27 Oct 1998 16:31:32 -0500  
From: n2tpa@juno.com (Bill d Lazure)  
To: QRP-L@Lehigh.EDU  
Subject: [23309] Re: Tapped Transformers  
Message-ID: <19981027.165446.9182.0.N2TPA@juno.com>

Folks,

When making a tap using this method, do you:

a. Wind both halves of the winding at the same pitch? ie, one wire goes up over the core, the other goes down,

-or-

b. wind them opposite pitch? both wires will reenter the core from the same side.

While I'm at it, when making a center-tapped toroid, should the secondaries wires emerge from the physical opposite side of the core (and the tap be between the two ends of the primary, or should the transformer be wound bifilar, with the tap opposite the emergence point of all four wires?

Should I also assume that the rules above apply to all tapped secondaries, center or not?

THIS is the type of info that I feel this list is best at providing!!

73/72,

Bill  
W2EB

Bruce Muscolino writes:

>Guys,

>

>Unless it is a big transformer I think it's as easy to start at the tap and then wind both ways. The advantage is that you can accurately position the tap on the correct side.

>

>73

>

>

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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 27 Oct 1998 16:43:26 -0500

From: n2tpa@juno.com (Bill d Lazure)

To: QRP-L@Lehigh.EDU

Subject: [23310] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <19981027.165446.9182.1.N2TPA@juno.com>

Group,



Rather than play semantics, I'd like to suggest Embedded Research's TICK series for the "keyer" portion of this query. I don't know how to build the paddles, but have used the TICK-1. On a board the size of a postage stamp, you can have an Iambic keyer with sidetone and some useful features. The IC is only \$5. Can't beat it with a stick.

Instead of paddles, I've played with Infrared Beams (a la IROESK) that seem to work pretty well. It takes some getting used to since you can't rest your fingers on the "paddles", but it's a useful alternative to mechanical paddles.

As always, I hold no financial interest in Embedded Research. Just a very satisfied customer.

73 & 72,

Bill  
W2EB

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or call Juno at (800) 654-JUNO [654-5866]

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Date: Tue, 27 Oct 1998 15:02:14 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Bill d Lazure <n2tpa@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23311] Re: Tapped Transformers  
Message-ID: <Pine.BSI.3.96.981027145738.26828B-1000000@usr06.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 27 Oct 1998, Bill d Lazure wrote:

> Folks,  
>  
> When making a tap using this method, do you:  
> a. Wind both halves of the winding at the same pitch? ie, one wire goes  
> up over the core, the other goes down,  
> -or-  
> b. wind them opposite pitch? both wires will reenter the core from the  
> same side.  
>

Actually, when making a wideband transformer, the wires should be twisted together in order to get the best coupling and ensure proper balance.

>  
> While I'm at it, when making a center-tapped toroid, should the  
> secondaries wires emerge from the physical opposite side of the core (and  
> the tap be between the two ends of the primary, or should the transformer  
> be wound bifilar, with the tapp opposite the emergence point of all four  
> wires?  
>

The wires should be evenly spaced over the entire core, so that the centre tap will be at the emergence point. In a tapped inductor, the tap will appear wherever it needs to be in order to fulfill the requirement for evenly spaced windings, unless the inductor can be designed some way to accomodate twisted wire.

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Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

-----  
Date: Tue, 27 Oct 1998 17:09:29 -0500  
From: n2tpa@juno.com (Bill d Lazure)  
To: QRP-L@Lehigh.EDU  
Subject: [23312] Emer 200 - GO!!!  
Message-ID: <19981027.171236.9182.2.N2TPA@juno.com>

Chuck,

I missed most of Elmer 100. Won't make that mistake this time.  
The soldering Iron's wam.

The scope's fired up.  
Parts bins are overflowing.  
Let 'er rip!

Bill  
W2EB

-----  
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-----  
Date: Tue, 27 Oct 1998 14:35:53 -0800  
From: Mighty Mik <mitymik@hooked.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [23313] hi price key re-morse??  
Message-ID: <36364AC9.97F4564D@hooked.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

ok...i'm at a point at which i might want a better key than the one i'm  
using. HOWEVER, the ones I want are \$170. so how do I determine what is  
the RIGHT key for me? I have a cheap straight/iambic key combo, but find  
that what i may want is a single lever paddle such as the G4ZPY model  
14. BUT...what if i buy it and don't like it???

I guess my question is...how did you wind up buying the key that you  
did...did you get to borrow one beforehand? Perhaps even buy one sight  
unseen??

-----  
Date: Tue, 27 Oct 1998 16:33 -0600  
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>  
To: "Bill d Lazure" <n2tpa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [23314] Re: In Search of the Ultimate Simple Lowcost Homebrew Portable  
Message-ID: <69728467@optelinc.com>

I'll second THAT! The little TiCK chip is a whiz-bang of a deal  
and is a real low-power consumption workhorse!

Karl K. - W8TIF

McKinney, Texas

-----

From: Bill d Lazure

To: Low Power Amateur Radio Discussion

Subject: Re: In Search of the Ultimate Simple Lowcost Homebrew Portable

Date: Tuesday, October 27, 1998 3:43PM

Group,

Rather than play semantics, I'd like to suggest Embedded Research's TICK series for the "keyer" portion of this query. I don't know how to build the paddles, but have used the TICK-1. On a board the size of a postage stamp, you can have an Iambic keyer with sidetone and some useful features. The IC is only \$5. Can't beat it with a stick.

Instead of paddles, I've played with Infrared Beams (a la IROESK) that seem to work pretty well. It takes some getting used to since you can't rest your fingers on the "paddles", but it's a useful alternative to mechanical paddles.

As always, I hold no financial interest in Embedded Research. Just a very satisfied customer.

73 & 72,

Bill

W2EB

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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 27 Oct 1998 17:01:00 -0600  
From: Jim <kj5tf@madisoncounty.net>  
To: qrp-l@lehigh.edu  
Subject: [23315] 10M Fire-Ball 10MW  
Message-ID: <363650AC.1186@madisoncounty.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

With 10M doing so well I dusted off my old Fireball xmtr. It seems to still be working on 28.332mHz. It keys up with the straight key but refuses to key if I use a memory keyer/paddle, hummmmm.

I got this little 10mw thing in the early 90's and have one QSL card hanging on the wall from Arkansas to California.

So Im wondering if anyone else still has one of these laying around and plans on getting it back on the air. If so drop me a email.

When I'm able to do some serious CQ'ing on 28.322 I'll be sure and post a message here on QRP-L.

Thanks, Jim KJ5TF Fire-Ball #181

-----  
Date: Tue, 27 Oct 1998 18:12:58 -0600  
From: Goemans <jgoemans@facstaff.wisc.edu>  
To: qrp-l@lehigh.edu  
Subject: [23316] Porta-Zombie...  
Message-ID: <199810272310.RAA57130@mail1.doit.wisc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi All,

Well I will be in Minneapolis Friday evening, resting for Hamfest Minnesota which is on Saturday. I will be operating the Zombie Shuffle from the car, so my signal may be a bit scary. Hey, I am a rare prime number multiplier! Look for me on 40 or 80 mtrs.

PS I hope to see a lot of the gang at the fest Sat. Doc will you be there?

Paul R Goemans WA9PWP  
1508 Sundt Lane  
Stoughton, Wi. 53589-1069 608-877-4151  
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153 G QRP 9879

-----  
Date: Tue, 27 Oct 1998 15:11:07 -0800  
From: Bob Painter <turnkey@exo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23317] ZOMBIE SHUFFLE - anyone joining on Novice/Tech+ 40M band?  
Message-ID: <199810272311.PAA08440@ns1.snni.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

The Halloween Zombie Shuffle sounds like fun. Is anyone planning on also operating in the 7.106 ~ 7.143 range?? Thanks  
72, Bob, KF6NKH

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Date: Tue, 27 Oct 1998 15:19:52 -0800  
From: Grant Taylor <k7gt@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [23318] NC20 kit...anyone want to sell theirs?  
Message-ID: <36365518.58DD@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If anyone would like to sell their NC20 kit (when it comes, of course) I am interested. The AD6AY presentation so impressed me that I want to build up one for 40...in addition to the one for 20.

--  
Grant K7GT Pleasanton CA k7gt@qsl.net <http://www.qsl.net/k7gt>

ZOMBIE newcomer # 599 (its a prime, too!)

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End of QRP-L Digest 1257

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